

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP010986.D
 Acq On : 18 Jul 2022 11:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020700

Quant Time: Jul 18 14:51:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2022
 Supervised By :mohammad ahmed 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	495699	20.000	ng/ul	0.00
20) Naphthalene-d8	10.475	136	2099573	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	1121118	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.110	188	1985861	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.233	240	1488769	20.000	ng/ul	# 0.00
88) Perylene-d12	23.586	264	1633508	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	98150	7.138	ng/uL	0.00
4) Pyridine-d5	3.587	84	631449	17.767	ng/ul	0.00
7) Phenol-d5	6.858	99	700119	17.206	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	476657	18.217	ng/ul	0.00
11) 2-Chlorophenol-d4	7.216	132	596946	18.156	ng/ul	0.00
15) 4-Methylphenol-d8	8.399	113	565844	17.371	ng/ul	0.00
21) Nitrobenzene-d5	8.846	128	271515	17.745	ng/ul	0.00
24) 2-Nitrophenol-d4	9.563	143	265939	17.565	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.099	165	482135	17.413	ng/ul	0.00
31) 4-Chloroaniline-d4	10.622	131	757585	16.597	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	1294204	16.890	ng/ul	0.00
49) Acenaphthylene-d8	14.034	160	1646573	18.213	ng/ul	0.00
54) 4-Nitrophenol-d4	14.557	143	215117	13.872	ng/ul	0.00
60) Fluorene-d10	15.345	176	1112169	17.076	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.469	200	150698	15.336	ng/ul	0.00
73) Anthracene-d10	17.210	188	1516481	17.963	ng/ul	0.00
81) Pyrene-d10	19.469	212	1497354	19.150	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.433	264	1389488	17.710	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	103584	7.180	ng/uL#	88
5) Pyridine	3.605	79	656976	17.937	ng/ul#	76
6) Benzaldehyde	6.828	77	439186	22.221	ng/ul	97
8) Phenol	6.887	94	756118	17.482	ng/ul#	87
10) Bis(2-Chloroethyl)ether	7.116	93	622394	18.131	ng/ul	91
12) 2-Chlorophenol	7.246	128	620155	18.247	ng/ul	94
13) 2-Methylphenol	8.134	108	554437	17.334	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.222	45	871978	18.573	ng/ul#	97
16) Acetophenone	8.511	105	879485	17.835	ng/ul#	89
17) N-Nitroso-di-n-propyla...	8.499	70	451881	18.263	ng/ul	92
18) 4-Methylphenol	8.463	108	596718	17.473	ng/ul	99
19) Hexachloroethane	8.758	117	248525	18.478	ng/ul#	79
22) Nitrobenzene	8.887	77	649289	18.045	ng/ul	93
23) Isophorone	9.416	82	1188521	17.649	ng/ul	98
25) 2-Nitrophenol	9.599	139	302348	17.791	ng/ul#	82
26) 2,4-Dimethylphenol	9.663	107	639178	17.785	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.905	93	774884	17.387	ng/ul	98
29) 2,4-Dichlorophenol	10.128	162	496225	17.315	ng/ul	99
30) Naphthalene	10.528	128	1896305	17.724	ng/ul	100
32) 4-Chloroaniline	10.646	127	746849	16.542	ng/ul	99
33) Hexachlorobutadiene	10.810	225	297465	17.832	ng/ul	97
34) Caprolactam	11.440	113	144010	14.339	ng/ul	92
35) 4-Chloro-3-methylphenol	11.781	107	536856	16.576	ng/ul	96
36) 2-Methylnaphthalene	12.151	142	1203903	17.357	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071822\
 Data File : BP010986.D
 Acq On : 18 Jul 2022 11:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020700

Quant Time: Jul 18 14:51:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071422.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 14 15:34:34 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 07/18/2022
 Supervised By :mohammad ahmed 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.369	142	1205752	17.343	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.516	216	544571	18.417	ng/ul#	98
40) Hexachlorocyclopentadiene	12.499	237	328623	17.944	ng/ul	97
41) 2,4,6-Trichlorophenol	12.769	196	341391	17.532	ng/ul	97
42) 2,4,5-Trichlorophenol	12.840	196	358603	17.232	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	1509198	18.041	ng/ul#	97
44) 2-Chloronaphthalene	13.210	162	1138189	18.115	ng/ul	99
45) 2-Nitroaniline	13.428	65	313573m	17.129	ng/ul	
47) Dimethylphthalate	13.810	163	1311622	16.964	ng/ul	98
48) 2,6-Dinitrotoluene	13.934	165	238237	17.019	ng/ul	94
50) Acenaphthylene	14.063	152	1833604	18.075	ng/ul	99
51) 3-Nitroaniline	14.263	138	261548	15.552	ng/ul	92
52) Acenaphthene	14.410	153	1187698	17.673	ng/ul	99
53) 2,4-Dinitrophenol	14.463	184	106424	12.995	ng/ul	88
55) 4-Nitrophenol	14.575	109	173607	14.622	ng/ul#	78
56) Dibenzofuran	14.745	168	1615949	17.426	ng/ul	97
57) 2,4-Dinitrotoluene	14.722	165	331954	16.625	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	14.975	232	270326	16.587	ng/ul#	88
59) Diethylphthalate	15.187	149	1291592	16.266	ng/ul	97
61) Fluorene	15.404	166	1272498	17.099	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	587144	17.138	ng/ul	96
63) 4-Nitroaniline	15.428	138	250251m	16.191	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.481	198	157595	15.633	ng/ul	95
67) N-Nitrosodiphenylamine	15.622	169	1076855	18.983	ng/ul	99
68) 4-Bromophenyl-phenylether	16.304	248	330946	18.478	ng/ul	95
69) Hexachlorobenzene	16.404	284	378850	18.225	ng/ul#	91
70) Atrazine	16.587	200	329981	16.815	ng/ul	97
71) Pentachlorophenol	16.757	266	204732	15.992	ng/ul	95
72) Phenanthrene	17.157	178	1849101	17.872	ng/ul	99
74) Anthracene	17.245	178	1846783	17.944	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.134	216	555311	19.533	ng/uL	98
76) Pentachlorobenzene	14.663	250	487198	19.550	ng/uL	99
77) Carbazole	17.528	167	1634904	16.973	ng/ul	100
78) Di-n-butylphthalate	18.098	149	1903099	15.806	ng/ul	99
80) Fluoranthene	19.139	202	1849379	20.223	ng/ul#	86
82) Pyrene	19.498	202	1866250	19.780	ng/ul#	85
83) Butylbenzylphthalate	20.392	149	706369	16.782	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.157	252	485610	18.421	ng/ul#	97
85) Benzo(a)anthracene	21.216	228	1587842	17.513	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.163	149	1002327	15.960	ng/ul#	97
87) Chrysene	21.269	228	1560092	17.524	ng/ul	99
89) Di-n-octyl phthalate	22.074	149	1624105	14.825	ng/ul	100
90) Benzo(b)fluoranthene	22.869	252	1706616	16.920	ng/ul#	96
91) Benzo(k)fluoranthene	22.916	252	1647908	17.394	ng/ul#	95
93) Benzo(a)pyrene	23.486	252	1717387	17.730	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.027	276	2152550	19.122	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.045	278	1857007	19.064	ng/ul#	91
96) Benzo(g,h,i)perylene	26.774	276	1860611	19.407	ng/ul#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed