

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050222\
 Data File : BP010166.D
 Acq On : 02 May 2022 11:14
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020783

Quant Time: May 03 00:58:41 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/03/2022
 Supervised By :Yogesh Patel 05/05/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	135364	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	549652	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.557	164	347303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.310	188	711813	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.392	240	666755	20.000	ng/u1	# 0.00
88) Perylene-d12	23.839	264	645002	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	25524m	8.222	ng/uL	0.00
4) Pyridine-d5	3.775	84	165957	19.004	ng/u1	0.00
7) Phenol-d5	7.087	99	237697	19.305	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	149729	20.266	ng/u1	0.00
11) 2-Chlorophenol-d4	7.458	132	191825	21.037	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	187868	18.416	ng/u1	0.00
21) Nitrobenzene-d5	9.081	128	93668	21.426	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	104471	21.881	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.352	165	187159	20.136	ng/u1	0.00
31) 4-Chloroaniline-d4	10.863	131	252455m	18.943	ng/u1	0.00
46) Dimethylphthalate-d6	13.963	166	547584	20.269	ng/u1	0.00
49) Acenaphthylene-d8	14.251	160	683691	20.910	ng/u1	0.00
54) 4-Nitrophenol-d4	14.751	143	87296	17.552	ng/u1	0.00
60) Fluorene-d10	15.551	176	466367	20.068	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.669	200	86251	19.163	ng/u1	0.00
73) Anthracene-d10	17.410	188	711034	20.647	ng/u1	0.00
81) Pyrene-d10	19.639	212	826969	21.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	718265	21.241	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	26077	8.084	ng/uL#	14
5) Pyridine	3.793	79	174439	19.217	ng/u1#	42
6) Benzaldehyde	7.058	77	144361	21.940	ng/u1	97
8) Phenol	7.116	94	238291	19.261	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.340	93	195784	20.541	ng/u1#	78
12) 2-Chlorophenol	7.487	128	189529	20.606	ng/u1	96
13) 2-Methylphenol	8.369	108	182498	19.234	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.458	45	290857	20.565	ng/u1#	85
16) Acetophenone	8.746	105	297822	18.712	ng/u1#	80
17) N-Nitroso-di-n-propyla...	8.734	70	159495	19.127	ng/u1#	75
18) 4-Methylphenol	8.699	108	192230	18.401	ng/u1	98
19) Hexachloroethane	9.010	117	84727	21.922	ng/u1	83
22) Nitrobenzene	9.122	77	223907	20.905	ng/u1#	84
23) Isophorone	9.657	82	425316	20.105	ng/u1#	96
25) 2-Nitrophenol	9.840	139	106296	21.021	ng/u1#	86
26) 2,4-Dimethylphenol	9.905	107	223753	20.438	ng/u1#	77
27) Bis(2-Chloroethoxy)met...	10.134	93	264199	21.307	ng/u1#	98
29) 2,4-Dichlorophenol	10.375	162	183474m	20.535	ng/u1	
30) Naphthalene	10.781	128	608313	21.145	ng/u1	97
32) 4-Chloroaniline	10.887	127	249533	19.001	ng/u1	96
33) Hexachlorobutadiene	11.075	225	138597	21.887	ng/u1	97
34) Caprolactam	11.657	113	53845	16.754	ng/u1#	12
35) 4-Chloro-3-methylphenol	12.010	107	199890	18.520	ng/u1#	71
36) 2-Methylnaphthalene	12.387	142	415671	19.923	ng/u1	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	416372	19.654	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.757	216	242990	22.646	ng/ul	94
40) Hexachlorocyclopentadiene	12.740	237	137037	22.662	ng/ul	94
41) 2,4,6-Trichlorophenol	12.993	196	149793	21.576	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.063	196	156745	20.751	ng/ul#	85
43) 1,1'-Biphenyl	13.393	154	557396	21.760	ng/ul#	93
44) 2-Chloronaphthalene	13.434	162	434989	21.944	ng/ul	92
45) 2-Nitroaniline	13.634	65	128955	20.062	ng/ul#	79
47) Dimethylphthalate	14.010	163	528307	20.121	ng/ul#	92
48) 2,6-Dinitrotoluene	14.128	165	107833	20.012	ng/ul	97
50) Acenaphthylene	14.275	152	683483	21.103	ng/ul	95
51) 3-Nitroaniline	14.457	138	64922	13.301	ng/ul#	77
52) Acenaphthene	14.622	153	438851	20.838	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	50201	16.673	ng/ul#	81
55) 4-Nitrophenol	14.769	109	70943	16.418	ng/ul#	47
56) Dibenzofuran	14.957	168	636949	20.425	ng/ul	98
57) 2,4-Dinitrotoluene	14.916	165	150473	19.116	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.181	232	132544	19.740	ng/ul#	85
59) Diethylphthalate	15.375	149	562547	21.064	ng/ul	94
61) Fluorene	15.604	166	512937	20.034	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.598	204	272740	20.241	ng/ul	99
63) 4-Nitroaniline	15.622	138	61196m	12.884	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	81948	18.871	ng/ul#	90
67) N-Nitrosodiphenylamine	15.810	169	444142	21.746	ng/ul	94
68) 4-Bromophenyl-phenylether	16.498	248	167407	22.049	ng/ul	92
69) Hexachlorobenzene	16.616	284	184501	20.935	ng/ul#	88
70) Atrazine	16.769	200	171076	20.603	ng/ul#	87
71) Pentachlorophenol	16.963	266	101613	18.105	ng/ul#	82
72) Phenanthrene	17.351	178	798128	20.629	ng/ul	99
74) Anthracene	17.445	178	804509	20.645	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	249367	23.997	ng/uL#	89
76) Pentachlorobenzene	14.881	250	225461	22.125	ng/uL	87
77) Carbazole	17.710	167	690514	20.024	ng/ul	96
78) Di-n-butylphthalate	18.263	149	999148	23.551	ng/ul#	92
80) Fluoranthene	19.316	202	941529	22.014	ng/ul	97
82) Pyrene	19.669	202	960485	21.797	ng/ul#	94
83) Butylbenzylphthalate	20.533	149	412560	22.650	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.310	252	232869	19.410	ng/ul#	95
85) Benzo(a)anthracene	21.374	228	903037	21.341	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.298	149	645118m	23.897	ng/ul	
87) Chrysene	21.427	228	889646	21.353	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	1020800	20.358	ng/ul	100
90) Benzo(b)fluoranthene	23.092	252	896522	20.675	ng/ul	99
91) Benzo(k)fluoranthene	23.139	252	868557	21.146	ng/ul#	97
93) Benzo(a)pyrene	23.727	252	854812	21.318	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.398	276	956406	23.977	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.410	278	812775	23.813	ng/ul#	95
96) Benzo(g,h,i)perylene	27.174	276	818379	24.314	ng/ul#	91

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

