

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080522\
 Data File : BP011283.D
 Acq On : 05 Aug 2022 17:47
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020731

Quant Time: Aug 05 23:02:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 02 23:52:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/08/2022
 Supervised By :Sohil Jodhani 08/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	123407	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	571924	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.269	164	420807	20.000	ng/u1	# 0.00
64) Phenanthrene-d10	17.039	188	858000	20.000	ng/u1	0.00
79) Chrysene-d12	21.169	240	1063125	20.000	ng/u1	0.00
88) Perylene-d12	23.480	264	976700	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.087	96	10188	6.675	ng/uL	0.00
4) Pyridine-d5	3.499	84	73570	17.870	ng/u1	0.00
7) Phenol-d5	6.781	99	164262	15.972	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	159504	21.494	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	146285	17.451	ng/u1	-0.01
15) 4-Methylphenol-d8	8.322	113	135466	16.008	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	101989	24.792	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	77424	20.079	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	144912	19.707	ng/u1	0.00
31) 4-Chloroaniline-d4	10.546	131	248085	21.808	ng/u1	0.00
46) Dimethylphthalate-d6	13.698	166	458428	15.906	ng/u1	0.00
49) Acenaphthylene-d8	13.963	160	715998	19.745	ng/u1	0.00
54) 4-Nitrophenol-d4	14.498	143	97066	19.805	ng/u1	0.00
60) Fluorene-d10	15.275	176	564846	23.033	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	82954	20.822	ng/u1	-0.01
73) Anthracene-d10	17.139	188	951418	25.231	ng/u1	0.00
81) Pyrene-d10	19.398	212	1058590	19.694	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.333	264	1053258	21.641	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.122	88	10254	7.285	ng/uL#	92
5) Pyridine	3.522	79	70275	16.857	ng/u1	92
6) Benzaldehyde	6.752	77	62657	12.463	ng/u1	98
8) Phenol	6.811	94	208108	18.871	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.040	93	186906	20.656	ng/u1	97
12) 2-Chlorophenol	7.163	128	175074	20.107	ng/u1	97
13) 2-Methylphenol	8.058	108	128744	15.430	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.140	45	297085	19.267	ng/u1#	95
16) Acetophenone	8.428	105	427435	31.168	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.416	70	148368	22.234	ng/u1	97
18) 4-Methylphenol	8.387	108	180660	20.189	ng/u1	100
19) Hexachloroethane	8.663	117	148398	35.542	ng/u1	99
22) Nitrobenzene	8.805	77	299080	26.530	ng/u1	98
23) Isophorone	9.334	82	340696	16.984	ng/u1	98
25) 2-Nitrophenol	9.510	139	100256	22.468	ng/u1	98
26) 2,4-Dimethylphenol	9.581	107	191966	19.016	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.822	93	228328	18.079	ng/u1	98
29) 2,4-Dichlorophenol	10.046	162	186812	24.310	ng/u1	98
30) Naphthalene	10.440	128	825553	27.343	ng/u1	99
32) 4-Chloroaniline	10.563	127	311796	27.061	ng/u1	97
33) Hexachlorobutadiene	10.722	225	159262	33.179	ng/u1	97
34) Caprolactam	11.363	113	36230	15.917	ng/u1	88
35) 4-Chloro-3-methylphenol	11.710	107	177771	20.456	ng/u1	97
36) 2-Methylnaphthalene	12.069	142	421047	22.318	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.287	142	464766	24.524	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.440	216	259296	22.531	ng/ul	98
40) Hexachlorocyclopentadiene	12.410	237	127854	17.583	ng/ul	98
41) 2,4,6-Trichlorophenol	12.693	196	113328	15.719	ng/ul	97
42) 2,4,5-Trichlorophenol	12.763	196	142273	18.388	ng/ul	99
43) 1,1'-Biphenyl	13.098	154	716971	21.348	ng/ul	99
44) 2-Chloronaphthalene	13.134	162	558701	22.300	ng/ul	99
45) 2-Nitroaniline	13.357	65	86942	14.426	ng/ul	99
47) Dimethylphthalate	13.740	163	548713	18.872	ng/ul	99
48) 2,6-Dinitrotoluene	13.863	165	89750	20.564	ng/ul	99
50) Acenaphthylene	13.987	152	987766	24.107	ng/ul	100
51) 3-Nitroaniline	14.192	138	49707	10.326	ng/ul	91
52) Acenaphthene	14.334	153	643457	24.278	ng/ul#	93
53) 2,4-Dinitrophenol	14.404	184	49331	19.034	ng/ul	94
55) 4-Nitrophenol	14.510	109	91165	20.612	ng/ul	94
56) Dibenzofuran	14.675	168	959100	26.443	ng/ul	97
57) 2,4-Dinitrotoluene	14.657	165	175403	25.519	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.904	232	117703	20.147	ng/ul	97
59) Diethylphthalate	15.122	149	497561	16.582	ng/ul	99
61) Fluorene	15.328	166	794090	27.479	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	352196	27.598	ng/ul	99
63) 4-Nitroaniline	15.369	138	54098m	13.431	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.422	198	90233	21.903	ng/ul	93
67) N-Nitrosodiphenylamine	15.551	169	534391	21.309	ng/ul#	93
68) 4-Bromophenyl-phenylether	16.234	248	149739	19.346	ng/ul	96
69) Hexachlorobenzene	16.334	284	220194	24.354	ng/ul	97
70) Atrazine	16.522	200	110623	14.746	ng/ul	99
71) Pentachlorophenol	16.692	266	107463	20.293	ng/ul	97
72) Phenanthrene	17.081	178	1227631	26.134	ng/ul	99
74) Anthracene	17.175	178	1263043	27.036	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.057	216	234311	17.845	ng/ul	99
76) Pentachlorobenzene	14.587	250	278136	24.849	ng/ul	99
77) Carbazole	17.457	167	1038431	24.784	ng/ul	99
78) Di-n-butylphthalate	18.028	149	671588	12.921	ng/ul#	91
80) Fluoranthene	19.075	202	1215866	18.495	ng/ul	100
82) Pyrene	19.428	202	1493366	21.769	ng/ul	99
83) Butylbenzylphthalate	20.327	149	229686	8.769	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.098	252	195731	11.257	ng/ul	99
85) Benzo(a)anthracene	21.151	228	1414311	21.285	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.098	149	408522	9.128	ng/ul	100
87) Chrysene	21.204	228	1426333	21.809	ng/ul	100
89) Di-n-octyl phthalate	21.992	149	692088	10.393	ng/ul	100
90) Benzo(b)fluoranthene	22.774	252	1398737	22.479	ng/ul	99
91) Benzo(k)fluoranthene	22.821	252	1420196	24.327	ng/ul	99
93) Benzo(a)pyrene	23.380	252	1423571	23.502	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.862	276	1608788	22.255	ng/ul	98
95) Dibenzo(a,h)anthracene	25.886	278	1393810	22.737	ng/ul	98
96) Benzo(g,h,i)perylene	26.598	276	1331409	21.493	ng/ul	99

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

