

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082422\
 Data File : BP011557.D
 Acq On : 25 Aug 2022 09:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020758

Quant Time: Aug 26 01:01:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 25 02:14:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/26/2022
 Supervised By :mohammad ahmed 08/27/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	74032	20.000	ng/u1	0.00
20) Naphthalene-d8	10.340	136	317117	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.228	164	189777	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	383170	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	365807	20.000	ng/u1	0.00
88) Perylene-d12	23.415	264	365705	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	18600	7.797	ng/uL	0.00
4) Pyridine-d5	3.475	84	115595	18.925	ng/u1	0.00
7) Phenol-d5	6.734	99	119745	17.601	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.899	67	81439	18.425	ng/u1	0.00
11) 2-Chlorophenol-d4	7.087	132	98708	19.727	ng/u1	0.00
15) 4-Methylphenol-d8	8.275	113	98689	18.124	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	47871	20.968	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	48753	20.983	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	89230	20.805	ng/u1	0.00
31) 4-Chloroaniline-d4	10.493	131	136209	19.078	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	272376	20.292	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	311265	20.865	ng/u1	0.00
54) 4-Nitrophenol-d4	14.457	143	46944	18.152	ng/u1	0.00
60) Fluorene-d10	15.228	176	227791	20.172	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.369	200	39543	19.099	ng/u1	0.00
73) Anthracene-d10	17.098	188	349031	20.567	ng/u1	0.00
81) Pyrene-d10	19.363	212	376083	20.320	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.268	264	364959	20.516	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	19644	7.897	ng/uL	93
5) Pyridine	3.493	79	116111	19.045	ng/u1	100
6) Benzaldehyde	6.705	77	69172	22.155	ng/u1	99
8) Phenol	6.763	94	125444	17.943	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.993	93	99541	18.252	ng/u1	95
12) 2-Chlorophenol	7.116	128	103579	19.237	ng/u1	97
13) 2-Methylphenol	8.004	108	94850	18.416	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.093	45	150239	18.596	ng/u1	97
16) Acetophenone	8.381	105	164548	18.165	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.369	70	85314	18.934	ng/u1	99
18) 4-Methylphenol	8.340	108	103935	18.227	ng/u1	98
19) Hexachloroethane	8.610	117	47379	19.399	ng/u1	99
22) Nitrobenzene	8.757	77	130337	20.254	ng/u1	96
23) Isophorone	9.287	82	229418	20.310	ng/u1	99
25) 2-Nitrophenol	9.463	139	55913	21.092	ng/u1	95
26) 2,4-Dimethylphenol	9.534	107	127910	20.321	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.775	93	135757	19.882	ng/u1	98
29) 2,4-Dichlorophenol	9.993	162	90771	20.680	ng/u1	99
30) Naphthalene	10.387	128	332193	19.840	ng/u1	99
32) 4-Chloroaniline	10.516	127	141411	19.117	ng/u1	100
33) Hexachlorobutadiene	10.669	225	59400	21.258	ng/u1	97
34) Caprolactam	11.316	113	29196	18.345	ng/u1	94
35) 4-Chloro-3-methylphenol	11.657	107	111479	20.088	ng/u1	98
36) 2-Methylnaphthalene	12.016	142	217590	19.974	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.240	142	220412	19.949	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.387	216	101752	21.124	ng/ul	97
40) Hexachlorocyclopentadiene	12.363	237	50649	16.949	ng/ul#	99
41) 2,4,6-Trichlorophenol	12.645	196	66785	21.543	ng/ul	98
42) 2,4,5-Trichlorophenol	12.716	196	71569	20.738	ng/ul	100
43) 1,1'-Biphenyl	13.051	154	286655	20.272	ng/ul	99
44) 2-Chloronaphthalene	13.087	162	216376	20.306	ng/ul	98
45) 2-Nitroaniline	13.316	65	77222	21.233	ng/ul	98
47) Dimethylphthalate	13.698	163	280682	20.232	ng/ul	99
48) 2,6-Dinitrotoluene	13.822	165	52016	20.855	ng/ul	98
50) Acenaphthylene	13.945	152	362886	20.475	ng/ul	99
51) 3-Nitroaniline	14.151	138	50579	18.618	ng/ul	94
52) Acenaphthene	14.292	153	238404	20.083	ng/ul	98
53) 2,4-Dinitrophenol	14.369	184	26945	17.651	ng/ul	97
55) 4-Nitrophenol	14.475	109	59359	19.264	ng/ul	91
56) Dibenzofuran	14.628	168	331231	20.234	ng/ul	98
57) 2,4-Dinitrotoluene	14.616	165	78078	20.911	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	14.863	232	58664	21.652	ng/ul	98
59) Diethylphthalate	15.075	149	311381	20.493	ng/ul	98
61) Fluorene	15.286	166	273041	20.388	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.286	204	124809	20.630	ng/ul	97
63) 4-Nitroaniline	15.328	138	53697m	20.462	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.381	198	41609	19.428	ng/ul	91
67) N-Nitrosodiphenylamine	15.510	169	231937	20.632	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	72963	21.331	ng/ul	96
69) Hexachlorobenzene	16.292	284	82429	20.911	ng/ul	97
70) Atrazine	16.480	200	83485	19.900	ng/ul	96
71) Pentachlorophenol	16.645	266	47903	19.598	ng/ul	99
72) Phenanthrene	17.039	178	421813	20.338	ng/ul	98
74) Anthracene	17.133	178	426272	20.373	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.010	216	103104	20.933	ng/uL	99
76) Pentachlorobenzene	14.545	250	99524	21.294	ng/uL	98
77) Carbazole	17.416	167	387176	19.673	ng/ul	99
78) Di-n-butylphthalate	17.986	149	520000	21.456	ng/ul	99
80) Fluoranthene	19.033	202	467386	20.535	ng/ul	98
82) Pyrene	19.386	202	485770	20.312	ng/ul	100
83) Butylbenzylphthalate	20.292	149	229835	21.424	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.057	252	135448	19.559	ng/ul	98
85) Benzo(a)anthracene	21.116	228	456235	20.471	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.057	149	344429	21.695	ng/ul	100
87) Chrysene	21.163	228	450748	20.589	ng/ul	99
89) Di-n-octyl phthalate	21.951	149	581434	19.778	ng/ul	100
90) Benzo(b)fluoranthene	22.721	252	465405	20.459	ng/ul	98
91) Benzo(k)fluoranthene	22.768	252	445468	20.520	ng/ul	98
93) Benzo(a)pyrene	23.315	252	451581	20.333	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.774	276	494369	19.957	ng/ul	99
95) Dibenzo(a,h)anthracene	25.798	278	428450	20.087	ng/ul	97
96) Benzo(g,h,i)perylene	26.498	276	413599	19.628	ng/ul	98

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

