

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
 Data File : BP012489.D
 Acq On : 03 Nov 2022 14:18
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020661

Quant Time: Nov 03 23:02:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 03 00:09:04 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/05/2022
 Supervised By :mohammad ahmed 11/06/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	335911	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1531726	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.434	164	1013519	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	2327231	20.000	ng/u1	0.00
79) Chrysene-d12	21.298	240	2390922	20.000	ng/u1	0.00
88) Perylene-d12	23.680	264	2225826	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.234	96	56976	6.830	ng/uL	0.00
4) Pyridine-d5	3.652	84	420604	17.551	ng/u1	0.00
7) Phenol-d5	6.958	99	552316	18.332	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	318720	17.721	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	423869	19.265	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	455091	19.098	ng/u1	0.00
21) Nitrobenzene-d5	8.952	128	221213	22.271	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	247953	24.050	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	463344	20.738	ng/u1	0.00
31) 4-Chloroaniline-d4	10.734	131	664841	19.985	ng/u1	0.00
46) Dimethylphthalate-d6	13.851	166	1380580	19.899	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	1564414	19.731	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	278147	21.182	ng/u1	0.00
60) Fluorene-d10	15.434	176	1193619	20.094	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.569	200	249894	20.624	ng/u1	0.00
73) Anthracene-d10	17.298	188	2031174	20.256	ng/u1	0.00
81) Pyrene-d10	19.539	212	2424643	20.199	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.521	264	2112026	19.420	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	59723	6.734	ng/uL	98
5) Pyridine	3.670	79	404635	17.181	ng/u1	97
6) Benzaldehyde	6.934	77	277920m	19.559	ng/u1	
8) Phenol	6.987	94	584735	18.666	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.216	93	453194	18.025	ng/u1	99
12) 2-Chlorophenol	7.346	128	460226	19.215	ng/u1	99
13) 2-Methylphenol	8.234	108	447968	18.595	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.310	45	587765m	17.432	ng/u1	
16) Acetophenone	8.616	105	710425	19.196	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	353339	19.831	ng/u1	98
18) 4-Methylphenol	8.569	108	502781	19.095	ng/u1	97
19) Hexachloroethane	8.852	117	174755	18.971	ng/u1	99
22) Nitrobenzene	8.993	77	526834	20.329	ng/u1	99
23) Isophorone	9.522	82	1029788	18.989	ng/u1	99
25) 2-Nitrophenol	9.705	139	278394	22.520	ng/u1	98
26) 2,4-Dimethylphenol	9.769	107	549325	20.237	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.005	93	652861	18.812	ng/u1	100
29) 2,4-Dichlorophenol	10.240	162	482074	20.784	ng/u1	98
30) Naphthalene	10.634	128	1538603	18.953	ng/u1	100
32) 4-Chloroaniline	10.757	127	683542	19.968	ng/u1	99
33) Hexachlorobutadiene	10.910	225	287275	19.908	ng/u1	98
34) Caprolactam	11.557	113	159314m	20.186	ng/u1	
35) 4-Chloro-3-methylphenol	11.893	107	536305	21.043	ng/u1	99
36) 2-Methylnaphthalene	12.246	142	1063037	19.101	ng/u1	99

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37) 1-Methylnaphthalene	12.469	142	1072374	19.294	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.616	216	575233	19.323	ng/u1	99
40) Hexachlorocyclopentadiene	12.587	237	275300	19.988	ng/u1	99
41) 2,4,6-Trichlorophenol	12.863	196	396173	20.819	ng/u1	99
42) 2,4,5-Trichlorophenol	12.940	196	431194	20.776	ng/u1	99
43) 1,1'-Biphenyl	13.263	154	1406575	18.874	ng/u1	99
44) 2-Chloronaphthalene	13.310	162	1118724	19.103	ng/u1	100
45) 2-Nitroaniline	13.528	65	324603	23.915	ng/u1	99
47) Dimethylphthalate	13.898	163	1444645	19.763	ng/u1	100
48) 2,6-Dinitrotoluene	14.028	165	296125	24.397	ng/u1	98
50) Acenaphthylene	14.157	152	1731205	19.470	ng/u1	100
51) 3-Nitroaniline	14.363	138	319654	21.509	ng/u1	97
52) Acenaphthene	14.498	153	1209442	19.355	ng/u1	99
53) 2,4-Dinitrophenol	14.575	184	195257	23.821	ng/u1	97
55) 4-Nitrophenol	14.675	109	212580	21.396	ng/u1	92
56) Dibenzofuran	14.840	168	1670285	19.579	ng/u1	99
57) 2,4-Dinitrotoluene	14.822	165	456327	24.961	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.069	232	386069	21.916	ng/u1	99
59) Diethylphthalate	15.269	149	1521800	21.395	ng/u1	99
61) Fluorene	15.492	166	1345773	19.854	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.487	204	672364	20.223	ng/u1	98
63) 4-Nitroaniline	15.534	138	341914m	25.465	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.587	198	264784	20.510	ng/u1	96
67) N-Nitrosodiphenylamine	15.704	169	1226725	18.716	ng/u1	100
68) 4-Bromophenyl-phenylether	16.387	248	449464	19.228	ng/u1	96
69) Hexachlorobenzene	16.492	284	556794	19.860	ng/u1	98
70) Atrazine	16.669	200	475752	20.953	ng/u1	99
71) Pentachlorophenol	16.851	266	335227	19.469	ng/u1	99
72) Phenanthrene	17.239	178	2379940	19.358	ng/u1	100
74) Anthracene	17.334	178	2458325	20.127	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.228	216	584733	17.564	ng/uL	98
76) Pentachlorobenzene	14.751	250	640333	18.215	ng/uL	99
77) Carbazole	17.610	167	2295049	21.098	ng/u1	100
78) Di-n-butylphthalate	18.157	149	2893271	22.893	ng/u1	100
80) Fluoranthene	19.216	202	2970963	20.046	ng/u1	97
82) Pyrene	19.569	202	3044375	19.832	ng/u1	98
83) Butylbenzylphthalate	20.445	149	1396043	24.392	ng/u1	95
84) 3,3'-Dichlorobenzidine	21.216	252	849725	16.361	ng/u1	97
85) Benzo(a)anthracene	21.280	228	2926290	19.184	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	2054616	23.477	ng/u1	99
87) Chrysene	21.333	228	2760547	19.359	ng/u1	99
89) Di-n-octyl phthalate	22.116	149	3398845	25.601	ng/u1	100
90) Benzo(b)fluoranthene	22.951	252	2809734	19.935	ng/u1	99
91) Benzo(k)fluoranthene	22.998	252	2702435	20.119	ng/u1	98
93) Benzo(a)pyrene	23.574	252	2353572	19.122	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.151	276	2637172	17.195	ng/u1	97
95) Dibenzo(a,h)anthracene	26.174	278	2380195	17.332	ng/u1	98
96) Benzo(g,h,i)perylene	26.915	276	2279464	16.813	ng/u1	98

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

