

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110222\
 Data File : BP012523.D
 Acq On : 04 Nov 2022 11:00
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020663

Quant Time: Nov 05 03:27:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP102522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 04 02:53:36 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	7.775	152	283757	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1325725	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	900766	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	1975272	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	1804668	20.000	ng/u1	0.00
88) Perylene-d12	23.668	264	1582503	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	53135	7.540	ng/uL	0.00
4) Pyridine-d5	3.652	84	371953	18.374	ng/u1	0.00
7) Phenol-d5	6.957	99	512132	20.122	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	296148	19.492	ng/u1	0.00
11) 2-Chlorophenol-d4	7.310	132	383107	20.613	ng/u1	0.00
15) 4-Methylphenol-d8	8.499	113	418147	20.773	ng/u1	0.00
21) Nitrobenzene-d5	8.946	128	201907	23.486	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	226654	25.401	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	429539	22.212	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	617167	21.434	ng/u1	0.00
46) Dimethylphthalate-d6	13.845	166	1298837	21.064	ng/u1	0.00
49) Acenaphthylene-d8	14.122	160	1476622	20.955	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	223577	19.158	ng/u1	0.00
60) Fluorene-d10	15.428	176	1127394	21.355	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	196783	19.135	ng/u1	0.00
73) Anthracene-d10	17.292	188	1780925	20.925	ng/u1	0.00
81) Pyrene-d10	19.533	212	2043714	22.556	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.510	264	1604219	20.747	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.264	88	54484	7.272	ng/uL	97
5) Pyridine	3.669	79	369376	18.566	ng/u1	98
6) Benzaldehyde	6.928	77	280395	23.360	ng/u1	98
8) Phenol	6.981	94	540912	20.440	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.210	93	415607	19.569	ng/u1	99
12) 2-Chlorophenol	7.340	128	416565	20.589	ng/u1	98
13) 2-Methylphenol	8.234	108	411608	20.226	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	541421	19.009	ng/u1	99
16) Acetophenone	8.610	105	654706	20.941	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.593	70	327193	21.739	ng/u1	99
18) 4-Methylphenol	8.563	108	464212	20.870	ng/u1	98
19) Hexachloroethane	8.846	117	157613	20.255	ng/u1	97
22) Nitrobenzene	8.993	77	488260	21.768	ng/u1	99
23) Isophorone	9.516	82	958291	20.416	ng/u1	100
25) 2-Nitrophenol	9.699	139	254586	23.794	ng/u1	99
26) 2,4-Dimethylphenol	9.763	107	508273	21.635	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.999	93	605708	20.166	ng/u1	100
29) 2,4-Dichlorophenol	10.234	162	443139	22.074	ng/u1	99
30) Naphthalene	10.628	128	1416227	20.157	ng/u1	99
32) 4-Chloroaniline	10.751	127	640930	21.633	ng/u1	100
33) Hexachlorobutadiene	10.898	225	257368	20.607	ng/u1	98
34) Caprolactam	11.551	113	141724	20.748	ng/u1	97
35) 4-Chloro-3-methylphenol	11.881	107	501773	22.748	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	997341	20.705	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1011309	21.023	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.610	216	536732	20.286	ng/u1	99
40) Hexachlorocyclopentadiene	12.581	237	202856	16.572	ng/u1	98
41) 2,4,6-Trichlorophenol	12.863	196	367516	21.731	ng/u1	99
42) 2,4,5-Trichlorophenol	12.934	196	399847	21.677	ng/u1	99
43) 1,1'-Biphenyl	13.257	154	1328042	20.051	ng/u1	99
44) 2-Chloronaphthalene	13.304	162	1056819	20.305	ng/u1	100
45) 2-Nitroaniline	13.522	65	312294	25.888	ng/u1	98
47) Dimethylphthalate	13.892	163	1363369	20.986	ng/u1	100
48) 2,6-Dinitrotoluene	14.022	165	272694	25.279	ng/u1	98
50) Acenaphthylene	14.151	152	1643815	20.801	ng/u1	99
51) 3-Nitroaniline	14.357	138	295324	22.359	ng/u1	98
52) Acenaphthene	14.492	153	1137010	20.473	ng/u1	99
53) 2,4-Dinitrophenol	14.569	184	128523	17.643	ng/u1	94
55) 4-Nitrophenol	14.675	109	170583	19.318	ng/u1	95
56) Dibenzofuran	14.834	168	1580090	20.840	ng/u1	99
57) 2,4-Dinitrotoluene	14.816	165	399868	24.611	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.063	232	357645	22.844	ng/u1	97
59) Diethylphthalate	15.263	149	1365988	21.609	ng/u1	99
61) Fluorene	15.481	166	1278128	21.216	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.481	204	636752	21.549	ng/u1	99
63) 4-Nitroaniline	15.522	138	293365m	24.584	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.581	198	204174	18.633	ng/u1	98
67) N-Nitrosodiphenylamine	15.698	169	1145226	20.585	ng/u1	100
68) 4-Bromophenyl-phenylether	16.381	248	422729	21.306	ng/u1	98
69) Hexachlorobenzene	16.486	284	500950	21.052	ng/u1	99
70) Atrazine	16.663	200	415189	21.543	ng/u1	99
71) Pentachlorophenol	16.845	266	273140	18.690	ng/u1	99
72) Phenanthrene	17.233	178	2153551	20.637	ng/u1	99
74) Anthracene	17.328	178	2167019	20.904	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	547707	19.384	ng/uL	100
76) Pentachlorobenzene	14.745	250	599196	20.082	ng/uL	99
77) Carbazole	17.604	167	1985085	21.500	ng/u1	100
78) Di-n-butylphthalate	18.151	149	2427315	22.629	ng/u1	99
80) Fluoranthene	19.210	202	2536730	22.676	ng/u1	97
82) Pyrene	19.563	202	2590827	22.360	ng/u1	99
83) Butylbenzylphthalate	20.439	149	1104919	25.577	ng/u1	96
84) 3,3'-Dichlorobenzidine	21.210	252	738693	18.843	ng/u1	99
85) Benzo(a)anthracene	21.274	228	2350240	20.413	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.192	149	1617397	24.485	ng/u1	99
87) Chrysene	21.327	228	2196417	20.407	ng/u1	99
89) Di-n-octyl phthalate	22.110	149	2587034	27.408	ng/u1	100
90) Benzo(b)fluoranthene	22.939	252	2121120	21.167	ng/u1	99
91) Benzo(k)fluoranthene	22.986	252	2131661	22.321	ng/u1	99
93) Benzo(a)pyrene	23.563	252	1805636	20.634	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.139	276	2036434	18.675	ng/u1	98
95) Dibenzo(a,h)anthracene	26.151	278	1847960	18.927	ng/u1	99
96) Benzo(g,h,i)perylene	26.898	276	1790004	18.570	ng/u1	98

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

