

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081122\
 Data File : BP011443.D
 Acq On : 13 Aug 2022 02:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020742

Quant Time: Aug 13 03:36:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP080822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 11 23:05:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/13/2022
 Supervised By :Sohil Jodhani 08/13/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	104628	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	458405	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.245	164	266263	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.022	188	536536m	20.000	ng/u1	0.00
79) Chrysene-d12	21.151	240	520788	20.000	ng/u1	0.00
88) Perylene-d12	23.457	264	509818	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.081	96	26846	7.866	ng/uL	0.00
4) Pyridine-d5	3.487	84	173014	20.096	ng/u1	0.00
7) Phenol-d5	6.757	99	175141	18.915	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.922	67	127753	19.459	ng/u1	0.00
11) 2-Chlorophenol-d4	7.104	132	152237	20.955	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	150388	20.685	ng/u1	-0.01
21) Nitrobenzene-d5	8.734	128	73540	23.572	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.451	143	72429	25.358	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	9.987	165	126658	21.958	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.516	131	205431	20.371	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	407467	22.056	ng/u1	-0.01
49) Acenaphthylene-d8	13.934	160	471977	21.223	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.475	143	66587	19.733	ng/u1	0.00
60) Fluorene-d10	15.251	176	329813	20.875	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	53154m	21.329	ng/u1	0.00
73) Anthracene-d10	17.122	188	499673	20.719	ng/u1	0.00
81) Pyrene-d10	19.380	212	563848	19.652	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.310	264	526345	20.472	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.116	88	28109	7.754	ng/uL#	86
5) Pyridine	3.511	79	174955	19.510	ng/u1#	86
6) Benzaldehyde	6.728	77	93364	23.137	ng/u1	97
8) Phenol	6.781	94	194497	19.406	ng/u1	90
10) Bis(2-Chloroethyl)ether	7.010	93	156367	19.372	ng/u1	97
12) 2-Chlorophenol	7.134	128	158620	20.953	ng/u1	98
13) 2-Methylphenol	8.028	108	140461	19.459	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.110	45	231415m	19.115	ng/u1	
16) Acetophenone	8.404	105	245866	20.902	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.393	70	130454	22.513	ng/u1	99
18) 4-Methylphenol	8.357	108	154575	19.979	ng/u1	99
19) Hexachloroethane	8.640	117	72551	22.697	ng/u1	99
22) Nitrobenzene	8.781	77	194676	22.291	ng/u1	96
23) Isophorone	9.304	82	350549	21.882	ng/u1	98
25) 2-Nitrophenol	9.487	139	81970	24.624	ng/u1#	90
26) 2,4-Dimethylphenol	9.551	107	188276	22.384	ng/u1	93
27) Bis(2-Chloroethoxy)met...	9.793	93	205349	20.058	ng/u1	99
29) 2,4-Dichlorophenol	10.016	162	130244	21.592	ng/u1	98
30) Naphthalene	10.410	128	502303	20.141	ng/u1	99
32) 4-Chloroaniline	10.540	127	204956	20.276	ng/u1	99
33) Hexachlorobutadiene	10.693	225	86946	23.495	ng/u1	98
34) Caprolactam	11.334	113	45501m	22.557	ng/u1	
35) 4-Chloro-3-methylphenol	11.681	107	160587	22.643	ng/u1	96
36) 2-Methylnaphthalene	12.040	142	323998	20.958	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.263	142	328206	20.930	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.410	216	144010	20.544	ng/ul	95
40) Hexachlorocyclopentadiene	12.387	237	81648	21.737	ng/ul	98
41) 2,4,6-Trichlorophenol	12.663	196	93293	21.996	ng/ul	98
42) 2,4,5-Trichlorophenol	12.740	196	98521	21.764	ng/ul	96
43) 1,1'-Biphenyl	13.075	154	414950	19.846	ng/ul	98
44) 2-Chloronaphthalene	13.110	162	313907	20.010	ng/ul	95
45) 2-Nitroaniline	13.334	65	108592	27.255	ng/ul	99
47) Dimethylphthalate	13.722	163	409264	21.872	ng/ul	99
48) 2,6-Dinitrotoluene	13.839	165	76077	26.002	ng/ul	98
50) Acenaphthylene	13.963	152	532330	20.766	ng/ul	100
51) 3-Nitroaniline	14.175	138	48238	14.988	ng/ul	96
52) Acenaphthene	14.310	153	348147	20.363	ng/ul	98
53) 2,4-Dinitrophenol	14.381	184	32045	18.460	ng/ul#	83
55) 4-Nitrophenol	14.492	109	75874	24.239	ng/ul#	73
56) Dibenzofuran	14.651	168	467566	20.172	ng/ul	93
57) 2,4-Dinitrotoluene	14.634	165	113951	25.410	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.881	232	81851	23.243	ng/ul#	92
59) Diethylphthalate	15.098	149	450555	23.243	ng/ul	98
61) Fluorene	15.310	166	389726	20.704	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.310	204	174849	21.250	ng/ul	89
63) 4-Nitroaniline	15.345	138	51584m	16.471	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.398	198	55310m	21.553	ng/ul	
67) N-Nitrosodiphenylamine	15.528	169	326189	20.631	ng/ul	100
68) 4-Bromophenyl-phenylether	16.210	248	100088m	21.080	ng/ul	
69) Hexachlorobenzene	16.310	284	116797	21.057	ng/ul	91
70) Atrazine	16.504	200	117643	22.323	ng/ul	98
71) Pentachlorophenol	16.669	266	66823	20.752	ng/ul	99
72) Phenanthrene	17.063	178	606467m	20.158	ng/ul	
74) Anthracene	17.157	178	608345	20.312	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	150042	19.479	ng/uL	100
76) Pentachlorobenzene	14.563	250	139149	20.743	ng/uL	99
77) Carbazole	17.439	167	558826	19.967	ng/ul	98
78) Di-n-butylphthalate	18.010	149	755666	24.692	ng/ul	100
80) Fluoranthene	19.057	202	680843	19.495	ng/ul	94
82) Pyrene	19.410	202	706810	19.175	ng/ul	94
83) Butylbenzylphthalate	20.316	149	340387	28.978	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.080	252	165517	17.463	ng/ul	98
85) Benzo(a)anthracene	21.139	228	658713	19.715	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.080	149	506577	26.864	ng/ul	97
87) Chrysene	21.192	228	656120	19.838	ng/ul	100
89) Di-n-octyl phthalate	21.980	149	839972	23.746	ng/ul	100
90) Benzo(b)fluoranthene	22.757	252	663399	19.771	ng/ul	98
91) Benzo(k)fluoranthene	22.804	252	637310	19.413	ng/ul	98
93) Benzo(a)pyrene	23.357	252	648590	20.041	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.833	276	715527	20.000	ng/ul	94
95) Dibenzo(a,h)anthracene	25.856	278	604012	19.851	ng/ul#	94
96) Benzo(g,h,i)perylene	26.556	276	606242	20.081	ng/ul	96

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

