

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062522\
 Data File : BP010867.D
 Acq On : 26 Jun 2022 14:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020684

Quant Time: Jun 26 22:59:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 22:42:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :mohammad ahmed 07/01/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.710	152	603271	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.510	136	2446781	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.369	164	1288025	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.133	188	2230519	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.245	240	1946944	20.000	ng/u1	#-0.01
88) Perylene-d12	23.610	264	2150367	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	126256	7.917	ng/uL	0.00
4) Pyridine-d5	3.611	84	821752	19.358	ng/u1	0.00
7) Phenol-d5	6.887	99	913682	19.133	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	599176	19.185	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.246	132	777412	19.621	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	727232	19.264	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	346944	22.274	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	327017	25.377	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.128	165	622877	19.562	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.651	131	959181	18.455	ng/u1	0.00
46) Dimethylphthalate-d6	13.787	166	1637056	18.554	ng/u1	-0.01
49) Acenaphthylene-d8	14.057	160	2078194	18.455	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.581	143	252356	18.312	ng/u1	0.00
60) Fluorene-d10	15.369	176	1388218	18.335	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.486	200	138698	18.769	ng/u1	-0.01
73) Anthracene-d10	17.228	188	1863784	18.781	ng/u1	-0.02
81) Pyrene-d10	19.480	212	1927086	18.168	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.457	264	2028662	19.091	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.240	88	130735	7.687	ng/uL#	83
5) Pyridine	3.628	79	834860	19.414	ng/u1#	74
6) Benzaldehyde	6.857	77	538010	21.352	ng/u1	95
8) Phenol	6.916	94	976214	19.113	ng/u1#	85
10) Bis(2-Chloroethyl)ether	7.146	93	788309	19.217	ng/u1	89
12) 2-Chlorophenol	7.275	128	797138	19.491	ng/u1	92
13) 2-Methylphenol	8.163	108	716959	18.855	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	1054207m	19.154	ng/u1	
16) Acetophenone	8.540	105	1114015	19.215	ng/u1#	87
17) N-Nitroso-di-n-propyla...	8.528	70	544965	18.589	ng/u1	89
18) 4-Methylphenol	8.493	108	760643	19.209	ng/u1	99
19) Hexachloroethane	8.787	117	315057	19.022	ng/u1#	82
22) Nitrobenzene	8.916	77	808927	20.811	ng/u1	90
23) Isophorone	9.446	82	1464928	17.971	ng/u1	97
25) 2-Nitrophenol	9.622	139	376137	24.103	ng/u1#	80
26) 2,4-Dimethylphenol	9.693	107	805098	18.883	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.934	93	981317	19.083	ng/u1#	98
29) 2,4-Dichlorophenol	10.157	162	639584	19.331	ng/u1	98
30) Naphthalene	10.557	128	2412603	18.919	ng/u1	99
32) 4-Chloroaniline	10.675	127	950442	18.457	ng/u1	99
33) Hexachlorobutadiene	10.845	225	394490	18.663	ng/u1	96
34) Caprolactam	11.457	113	174082	16.749	ng/u1	86
35) 4-Chloro-3-methylphenol	11.810	107	665399	18.556	ng/u1	94
36) 2-Methylnaphthalene	12.175	142	1527304	18.495	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1540033	18.772	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.545	216	705438	19.059	ng/ul	99
40) Hexachlorocyclopentadiene	12.528	237	535576	22.835	ng/ul	98
41) 2,4,6-Trichlorophenol	12.792	196	426997	20.010	ng/ul	98
42) 2,4,5-Trichlorophenol	12.863	196	457860	19.994	ng/ul	99
43) 1,1'-Biphenyl	13.198	154	1929351m	19.028	ng/ul	
44) 2-Chloronaphthalene	13.234	162	1442462	18.884	ng/ul	97
45) 2-Nitroaniline	13.451	65	362591	22.374	ng/ul#	79
47) Dimethylphthalate	13.834	163	1631464	18.464	ng/ul	98
48) 2,6-Dinitrotoluene	13.951	165	298003	22.509	ng/ul	95
50) Acenaphthylene	14.087	152	2307299	18.709	ng/ul	99
51) 3-Nitroaniline	14.281	138	321082	20.230	ng/ul	86
52) Acenaphthene	14.434	153	1496353	18.804	ng/ul	98
53) 2,4-Dinitrophenol	14.481	184	77703	15.288	ng/ul	87
55) 4-Nitrophenol	14.592	109	199013	18.161	ng/ul#	76
56) Dibenzofuran	14.769	168	2021794	18.549	ng/ul	96
57) 2,4-Dinitrotoluene	14.739	165	395155	22.338	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.998	232	314186	19.159	ng/ul	90
59) Diethylphthalate	15.210	149	1590067	18.101	ng/ul	99
61) Fluorene	15.422	166	1579893	18.178	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	741156	18.216	ng/ul	95
63) 4-Nitroaniline	15.451	138	299399	20.402	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.498	198	144743	18.126	ng/ul	98
67) N-Nitrosodiphenylamine	15.639	169	1307747	19.357	ng/ul	98
68) 4-Bromophenyl-phenylether	16.322	248	421865	18.872	ng/ul	96
69) Hexachlorobenzene	16.428	284	483860	18.688	ng/ul	96
70) Atrazine	16.610	200	400901	17.898	ng/ul	98
71) Pentachlorophenol	16.780	266	216119	16.210	ng/ul	99
72) Phenanthrene	17.175	178	2245455	18.904	ng/ul	98
74) Anthracene	17.263	178	2247916	18.816	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	724096	19.673	ng/uL	97
76) Pentachlorobenzene	14.681	250	634310	20.094	ng/uL	98
77) Carbazole	17.545	167	1970601	18.325	ng/ul	100
78) Di-n-butylphthalate	18.116	149	2311730	18.040	ng/ul	99
80) Fluoranthene	19.157	202	2333659	17.889	ng/ul#	89
82) Pyrene	19.510	202	2366698	17.964	ng/ul#	86
83) Butylbenzylphthalate	20.404	149	880844	18.995	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.168	252	714316	17.768	ng/ul#	98
85) Benzo(a)anthracene	21.227	228	2276070	18.692	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.174	149	1301770	17.727	ng/ul#	96
87) Chrysene	21.280	228	2200831	18.862	ng/ul	100
89) Di-n-octyl phthalate	22.092	149	2147215	16.823	ng/ul	100
90) Benzo(b)fluoranthene	22.886	252	2478063	18.531	ng/ul#	96
91) Benzo(k)fluoranthene	22.939	252	2423300	19.065	ng/ul#	96
93) Benzo(a)pyrene	23.504	252	2488346	19.129	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.062	276	3017052	19.221	ng/ul#	90
95) Dibenzo(a,h)anthracene	26.086	278	2601667	19.323	ng/ul#	93
96) Benzo(g,h,i)perylene	26.815	276	2546802	19.074	ng/ul#	89

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

