

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051022\
 Data File : BP010263.D
 Acq On : 10 May 2022 13:13
 Operator : CG/JU
 Sample : SSTD08034
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD080634

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/11/2022
 Supervised By :mohammad ahmed 05/12/2022

Quant Time: May 10 15:22:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 10 15:17:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	114783	20.000	ng/ul	0.00
20) Naphthalene-d8	10.716	136	507429	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.545	164	347758	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	780913	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	875179	20.000	ng/ul	# 0.00
88) Perylene-d12	23.821	264	961331	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	84076	31.941	ng/uL	0.00
4) Pyridine-d5	3.764	84	613211	82.811	ng/ul	0.00
7) Phenol-d5	7.075	99	874702	83.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	519130	82.865	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	657336	85.013	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	705052	81.506	ng/ul	0.00
21) Nitrobenzene-d5	9.069	128	341598	84.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	393967	89.383	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	705276	82.194	ng/ul	0.00
31) 4-Chloroaniline-d4	10.851	131	996534	80.998	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	2191538	81.013	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2689809	82.157	ng/ul	0.00
54) 4-Nitrophenol-d4	14.751	143	443228	88.999	ng/ul	0.00
60) Fluorene-d10	15.539	176	1861518	79.996	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	455555	92.258	ng/ul	0.00
73) Anthracene-d10	17.398	188	3065628	81.145	ng/ul	0.00
81) Pyrene-d10	19.633	212	3796612	76.280	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.674	264	4183841	83.015	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	85174	31.139	ng/uL#	17
5) Pyridine	3.781	79	640559	83.218	ng/ul#	35
6) Benzaldehyde	7.046	77	312367	55.985	ng/ul	94
8) Phenol	7.105	94	874821	83.391	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.334	93	662944	82.024	ng/ul#	75
12) 2-Chlorophenol	7.475	128	657212	84.266	ng/ul	96
13) 2-Methylphenol	8.357	108	663323	82.446	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	1044566	87.099	ng/ul#	82
16) Acetophenone	8.740	105	1086108	80.475	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.734	70	570078	80.622	ng/ul#	71
18) 4-Methylphenol	8.693	108	722909	81.607	ng/ul	96
19) Hexachloroethane	8.993	117	269812	82.329	ng/ul#	82
22) Nitrobenzene	9.116	77	840518	85.004	ng/ul#	85
23) Isophorone	9.652	82	1622766	83.090	ng/ul#	97
25) 2-Nitrophenol	9.828	139	398837	85.437	ng/ul#	85
26) 2,4-Dimethylphenol	9.893	107	829716	82.095	ng/ul#	79
27) Bis(2-Chloroethoxy)met...	10.122	93	932841	81.491	ng/ul#	97
29) 2,4-Dichlorophenol	10.363	162	675336	81.875	ng/ul#	84
30) Naphthalene	10.763	128	2151548	81.012	ng/ul	97
32) 4-Chloroaniline	10.875	127	986651	81.380	ng/ul	97
33) Hexachlorobutadiene	11.057	225	444794	76.087	ng/ul	96
34) Caprolactam	11.669	113	252940m	85.251	ng/ul	
35) 4-Chloro-3-methylphenol	12.004	107	809381	81.229	ng/ul#	68
36) 2-Methylnaphthalene	12.375	142	1514840	78.646	ng/ul	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.593	142	1541150	78.801	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.740	216	863412	80.362	ng/ul#	92
40) Hexachlorocyclopentadiene	12.722	237	512466	84.637	ng/ul	97
41) 2,4,6-Trichlorophenol	12.981	196	584252	84.046	ng/ul#	82
42) 2,4,5-Trichlorophenol	13.051	196	647715	85.636	ng/ul#	87
43) 1,1'-Biphenyl	13.381	154	2052592	80.026	ng/ul#	93
44) 2-Chloronaphthalene	13.422	162	1608845	81.054	ng/ul	93
45) 2-Nitroaniline	13.628	65	598482	92.986	ng/ul#	80
47) Dimethylphthalate	14.004	163	2101777	79.944	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	473285	87.721	ng/ul	92
50) Acenaphthylene	14.269	152	2656588	81.917	ng/ul	95
51) 3-Nitroaniline	14.451	138	403964	82.652	ng/ul#	82
52) Acenaphthene	14.610	153	1703703	80.792	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	322186	106.863	ng/ul#	79
55) 4-Nitrophenol	14.769	109	371251	85.804	ng/ul#	44
56) Dibenzofuran	14.945	168	2462889	78.874	ng/ul	100
57) 2,4-Dinitrotoluene	14.910	165	684608	86.857	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.169	232	561510	83.517	ng/ul#	85
59) Diethylphthalate	15.369	149	2200134	82.274	ng/ul	93
61) Fluorene	15.592	166	2045837	79.799	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.587	204	1049956	77.817	ng/ul	97
63) 4-Nitroaniline	15.616	138	392376	82.504	ng/ul#	77
66) 4,6-Dinitro-2-methylph...	15.681	198	436722	91.670	ng/ul#	92
67) N-Nitrosodiphenylamine	15.804	169	1803707	80.499	ng/ul	95
68) 4-Bromophenyl-phenylether	16.486	248	659319	79.153	ng/ul	93
69) Hexachlorobenzene	16.604	284	756201	78.214	ng/ul#	89
70) Atrazine	16.763	200	741280	81.375	ng/ul#	89
71) Pentachlorophenol	16.951	266	523298	84.988	ng/ul#	85
72) Phenanthrene	17.339	178	3430920	80.833	ng/ul	99
74) Anthracene	17.433	178	3471324	81.197	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.345	216	912589	80.048	ng/uL#	86
76) Pentachlorobenzene	14.869	250	854887	76.469	ng/uL	89
77) Carbazole	17.704	167	3179713	84.050	ng/ul#	95
78) Di-n-butylphthalate	18.251	149	3999227	85.925	ng/ul#	93
80) Fluoranthene	19.304	202	4345146	77.400	ng/ul	97
82) Pyrene	19.657	202	4387792	75.863	ng/ul	97
83) Butylbenzylphthalate	20.527	149	1988062	83.155	ng/ul#	80
84) 3,3'-Dichlorobenzidine	21.298	252	1552213	98.570	ng/ul#	96
85) Benzo(a)anthracene	21.369	228	4525315	81.477	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.286	149	2895226	81.707	ng/ul#	81
87) Chrysene	21.422	228	4409282	80.625	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	5145697	68.854	ng/ul	100
90) Benzo(b)fluoranthene	23.086	252	4999854	77.363	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	4714068	77.004	ng/ul#	97
93) Benzo(a)pyrene	23.727	252	4926347	82.430	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.404	276	5845888	98.329	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.409	278	5014947	98.580	ng/ul#	95
96) Benzo(g,h,i)perylene	27.180	276	4930061	98.277	ng/ul#	92

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

