

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010514.D
 Acq On : 24 May 2022 14:02
 Operator : CG/JU
 Sample : N2918-19MS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/25/2022
 Supervised By :Yogesh Patel 05/26/2022

Quant Time: May 24 23:16:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	145866	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	671239	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	457881	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1026406	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	956756	20.000	ng/u1	# 0.00
88) Perylene-d12	23.774	264	756998	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	17114m	5.001	ng/uL	0.00
4) Pyridine-d5	3.758	84	120077	12.358	ng/u1	0.00
7) Phenol-d5	7.052	99	94231	7.697	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	332823	40.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	284845	30.406	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	198670	19.095	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	212119	40.832	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	217230	39.458	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	372154	35.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	513478	33.174	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1449796	42.976	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1612641	41.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	52328m	8.715	ng/u1	0.00
60) Fluorene-d10	15.510	176	1258442	42.878	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	251126	41.835	ng/u1	0.00
73) Anthracene-d10	17.375	188	2060616	44.336	ng/u1	0.00
81) Pyrene-d10	19.604	212	2499341	49.190	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	1799488	47.340	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	19643	5.541	ng/uL#	12
5) Pyridine	3.775	79	135229	13.391	ng/u1#	22
6) Benzaldehyde	7.022	77	371696m	57.431	ng/u1	
8) Phenol	7.081	94	112748	8.536	ng/u1#	90
10) Bis(2-Chloroethyl)ether	7.310	93	424088	40.838	ng/u1#	72
12) 2-Chlorophenol	7.452	128	307759	31.469	ng/u1	97
13) 2-Methylphenol	8.328	108	235918	23.927	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.422	45	726049	42.899	ng/u1#	82
16) Acetophenone	8.710	105	699094	42.765	ng/u1#	74
17) N-Nitroso-di-n-propyla...	8.699	70	376101	42.989	ng/u1#	67
18) 4-Methylphenol	8.657	108	221779	20.352	ng/u1	90
19) Hexachloroethane	8.963	117	169726	39.903	ng/u1#	79
22) Nitrobenzene	9.087	77	565516	41.424	ng/u1#	82
23) Isophorone	9.622	82	1064256	42.177	ng/u1	98
25) 2-Nitrophenol	9.799	139	239225	39.574	ng/u1#	86
26) 2,4-Dimethylphenol	9.863	107	433124	33.021	ng/u1#	80
27) Bis(2-Chloroethoxy)met...	10.099	93	605777	40.319	ng/u1#	97
29) 2,4-Dichlorophenol	10.340	162	389018	36.551	ng/u1#	84
30) Naphthalene	10.740	128	4095644	116.819	ng/u1	97
32) 4-Chloroaniline	10.846	127	508477	33.102	ng/u1	99
33) Hexachlorobutadiene	11.028	225	291923	38.707	ng/u1	94
34) Caprolactam	11.646	113	20964m	5.644	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	436086	35.025	ng/u1#	70
36) 2-Methylnaphthalene	12.345	142	1028847	41.452	ng/u1	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1098533	43.835	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.716	216	572452	40.969	ng/ul	95
40) Hexachlorocyclopentadiene	12.698	237	184658	24.308	ng/ul	97
41) 2,4,6-Trichlorophenol	12.951	196	372975	42.822	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.028	196	407332	41.884	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	1414643	42.092	ng/ul#	94
44) 2-Chloronaphthalene	13.398	162	1089158	41.958	ng/ul	94
45) 2-Nitroaniline	13.598	65	422830	49.493	ng/ul#	74
47) Dimethylphthalate	13.981	163	1478433	44.181	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	328597	48.171	ng/ul	98
50) Acenaphthylene	14.240	152	1811447	43.032	ng/ul	96
51) 3-Nitroaniline	14.428	138	289284	45.184	ng/ul#	86
52) Acenaphthene	14.587	153	2415214	87.950	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	160221	42.070	ng/ul#	72
55) 4-Nitrophenol	14.734	109	51456	9.637	ng/ul#	52
56) Dibenzofuran	14.916	168	1848477	45.931	ng/ul	97
57) 2,4-Dinitrotoluene	14.887	165	475397	48.411	ng/ul#	74
58) 2,3,4,6-Tetrachlorophenol	15.145	232	373828	44.702	ng/ul#	85
59) Diethylphthalate	15.339	149	1578113	46.217	ng/ul	93
61) Fluorene	15.569	166	1979828	60.157	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.563	204	755894	44.153	ng/ul	97
63) 4-Nitroaniline	15.592	138	337253	53.350	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.657	198	257209	42.966	ng/ul#	89
67) N-Nitrosodiphenylamine	15.775	169	1298947	45.126	ng/ul	94
68) 4-Bromophenyl-phenylether	16.457	248	479640	45.375	ng/ul	98
69) Hexachlorobenzene	16.581	284	542964	44.656	ng/ul#	89
70) Atrazine	16.739	200	520976	45.179	ng/ul#	89
71) Pentachlorophenol	16.928	266	339314	44.476	ng/ul#	85
72) Phenanthrene	17.316	178	2544571	46.453	ng/ul	99
74) Anthracene	17.410	178	2497544	45.450	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	596517	38.241	ng/uL#	87
76) Pentachlorobenzene	14.845	250	595197	42.055	ng/uL	92
77) Carbazole	17.681	167	3996251	82.748	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	2941382	50.007	ng/ul#	93
80) Fluoranthene	19.280	202	3093837	52.397	ng/ul	97
82) Pyrene	19.633	202	3120299	50.639	ng/ul	95
83) Butylbenzylphthalate	20.498	149	1393342	56.549	ng/ul#	84
84) 3,3'-Dichlorobenzidine	21.269	252	782014	40.667	ng/ul#	96
85) Benzo(a)anthracene	21.339	228	2881716	48.166	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2027117	56.064	ng/ul#	82
87) Chrysene	21.392	228	2791121	47.428	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	3457304	60.880	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2554295	50.624	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	2327726	48.540	ng/ul#	97
93) Benzo(a)pyrene	23.668	252	2269098	48.404	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.304	276	2232589	50.624	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.315	278	1939132	50.673	ng/ul#	94
96) Benzo(g,h,i)perylene	27.074	276	1895157	51.464	ng/ul#	91

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

