

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052322\
 Data File : BP010515.D
 Acq On : 24 May 2022 14:36
 Operator : CG/JU
 Sample : N2918-20MSD
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DBTD4MSD

Quant Time: May 24 23:16:43 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	171078	20.000	ng/u1	0.00
20) Naphthalene-d8	10.687	136	756991	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.516	164	509616	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1106690	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.357	240	988739	20.000	ng/u1	# 0.00
88) Perylene-d12	23.774	264	767444	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	20086m	5.004	ng/uL	0.00
4) Pyridine-d5	3.758	84	138066	12.115	ng/u1	0.00
7) Phenol-d5	7.052	99	112321	7.822	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	379217	39.308	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	332172	30.232	ng/u1	0.00
15) 4-Methylphenol-d8	8.599	113	231124	18.940	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	240799	41.102	ng/u1	0.00
24) 2-Nitrophenol-d4	9.769	143	254211	40.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.310	165	424724	36.178	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	571644	32.749	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	1605303	42.755	ng/u1	0.00
49) Acenaphthylene-d8	14.210	160	1794080	41.425	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	57566m	8.614	ng/u1	0.00
60) Fluorene-d10	15.516	176	1385024	42.401	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	276011	42.645	ng/u1	0.00
73) Anthracene-d10	17.375	188	2209754	44.096	ng/u1	0.00
81) Pyrene-d10	19.604	212	2628055	50.050	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	1808379	46.927	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	22242	5.350	ng/uL#	18
5) Pyridine	3.775	79	154424	13.039	ng/u1#	24
6) Benzaldehyde	7.028	77	433637m	57.127	ng/u1	
8) Phenol	7.081	94	132635	8.562	ng/u1#	92
10) Bis(2-Chloroethyl)ether	7.310	93	497236	40.825	ng/u1#	76
12) 2-Chlorophenol	7.452	128	354877	30.939	ng/u1	97
13) 2-Methylphenol	8.334	108	277328	23.982	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.422	45	812977	40.956	ng/u1#	83
16) Acetophenone	8.710	105	804419	41.956	ng/u1#	77
17) N-Nitroso-di-n-propyla...	8.699	70	438829	42.767	ng/u1#	69
18) 4-Methylphenol	8.663	108	256246	20.049	ng/u1	90
19) Hexachloroethane	8.963	117	195257	39.140	ng/u1#	79
22) Nitrobenzene	9.087	77	647382	42.049	ng/u1#	82
23) Isophorone	9.622	82	1227186	43.124	ng/u1#	97
25) 2-Nitrophenol	9.799	139	278076	40.790	ng/u1#	85
26) 2,4-Dimethylphenol	9.863	107	493585	33.367	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.099	93	700316	41.332	ng/u1#	98
29) 2,4-Dichlorophenol	10.340	162	448160	37.338	ng/u1#	84
30) Naphthalene	10.740	128	4655214	117.738	ng/u1	97
32) 4-Chloroaniline	10.846	127	582251	33.611	ng/u1	98
33) Hexachlorobutadiene	11.028	225	330356	38.841	ng/u1	96
34) Caprolactam	11.651	113	24926m	5.951	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	495011	35.254	ng/u1#	69
36) 2-Methylnaphthalene	12.345	142	1162886	41.545	ng/u1	92

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.563	142	1242389	43.960	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.716	216	638610	41.064	ng/ul	93
40) Hexachlorocyclopentadiene	12.693	237	209958	24.833	ng/ul	95
41) 2,4,6-Trichlorophenol	12.951	196	420488	43.376	ng/ul#	86
42) 2,4,5-Trichlorophenol	13.028	196	457447	42.262	ng/ul#	87
43) 1,1'-Biphenyl	13.351	154	1572338	42.034	ng/ul#	93
44) 2-Chloronaphthalene	13.398	162	1216273	42.099	ng/ul	93
45) 2-Nitroaniline	13.598	65	470940	49.529	ng/ul#	77
47) Dimethylphthalate	13.981	163	1641525	44.074	ng/ul#	92
48) 2,6-Dinitrotoluene	14.098	165	367160	48.360	ng/ul	97
50) Acenaphthylene	14.240	152	2023453	43.188	ng/ul	95
51) 3-Nitroaniline	14.428	138	324199	45.497	ng/ul#	82
52) Acenaphthene	14.587	153	2653636	86.823	ng/ul	97
53) 2,4-Dinitrophenol	14.640	184	179431	42.331	ng/ul#	63
55) 4-Nitrophenol	14.739	109	55304	9.307	ng/ul#	37
56) Dibenzofuran	14.916	168	2028284	45.283	ng/ul	99
57) 2,4-Dinitrotoluene	14.887	165	534956	48.946	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.145	232	417554	44.861	ng/ul#	85
59) Diethylphthalate	15.339	149	1728587	45.485	ng/ul	93
61) Fluorene	15.569	166	2174141	59.354	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.563	204	828017	43.456	ng/ul	99
63) 4-Nitroaniline	15.592	138	373596m	53.099	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	282104	43.706	ng/ul#	91
67) N-Nitrosodiphenylamine	15.775	169	1427904	46.008	ng/ul	95
68) 4-Bromophenyl-phenylether	16.457	248	519406	45.572	ng/ul	97
69) Hexachlorobenzene	16.581	284	590569	45.047	ng/ul#	88
70) Atrazine	16.739	200	570898	45.917	ng/ul#	90
71) Pentachlorophenol	16.922	266	370561	45.048	ng/ul#	86
72) Phenanthrene	17.316	178	2726833	46.169	ng/ul	98
74) Anthracene	17.404	178	2692623	45.445	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.322	216	665498m	39.569	ng/uL	
76) Pentachlorobenzene	14.845	250	658034	43.121	ng/uL	90
77) Carbazole	17.681	167	4260834	81.827	ng/ul#	95
78) Di-n-butylphthalate	18.228	149	3168213	49.956	ng/ul#	93
80) Fluoranthene	19.280	202	3305769	54.175	ng/ul	97
82) Pyrene	19.633	202	3277397	51.468	ng/ul	96
83) Butylbenzylphthalate	20.504	149	1496652	58.777	ng/ul#	79
84) 3,3'-Dichlorobenzidine	21.269	252	793457	39.928	ng/ul#	97
85) Benzo(a)anthracene	21.339	228	2991862	48.389	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.263	149	2139347	57.254	ng/ul#	82
87) Chrysene	21.392	228	2840119	46.699	ng/ul	99
89) Di-n-octyl phthalate	22.192	149	3613132	62.758	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	2566499	50.173	ng/ul	99
91) Benzo(k)fluoranthene	23.086	252	2379786	48.950	ng/ul#	97
93) Benzo(a)pyrene	23.674	252	2297545	48.344	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	26.304	276	2286414	51.139	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.321	278	1977707	50.978	ng/ul#	95
96) Benzo(g,h,i)perylene	27.074	276	1922440	51.494	ng/ul#	92

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

