

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 20:57
 Operator : CG/JU
 Sample : 02689-08MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREM0MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/22/2023
 Supervised By : Jagrut Upadhyay 05/22/2023

Quant Time: May 19 23:11:16 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	251233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.957	136	1099653	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.763	164	701529	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.522	188	1510686	20.000	ng/u1	0.00
79) Chrysene-d12	21.598	240	959633	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1012857	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	22234	3.439	ng/uL	0.00
4) Pyridine-d5	3.875	84	251927	13.745	ng/u1	0.00
7) Phenol-d5	7.281	99	608909	26.104	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	371162	27.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.652	132	488484	28.482	ng/u1	0.00
15) 4-Methylphenol-d8	8.846	113	503963	27.113	ng/u1	0.00
21) Nitrobenzene-d5	9.305	128	265286	30.701	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	298756	31.073	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	545507	31.442	ng/u1	0.00
31) 4-Chloroaniline-d4	11.093	131	650480	25.340	ng/u1	0.00
46) Dimethylphthalate-d6	14.169	166	1744957	32.917	ng/u1	0.00
49) Acenaphthylene-d8	14.463	160	1944903	32.078	ng/u1	0.00
54) 4-Nitrophenol-d4	14.963	143	283334	27.525	ng/u1	0.00
60) Fluorene-d10	15.757	176	1482492	33.142	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	239818	25.190	ng/u1	0.00
73) Anthracene-d10	17.616	188	2244650	32.449	ng/u1	0.00
81) Pyrene-d10	19.839	212	2391770	42.973	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	1762205	35.048	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.470	88	54994	7.915	ng/uL	96
5) Pyridine	3.893	79	342782	17.982	ng/u1	97
6) Benzaldehyde	7.258	77	302255	47.143	ng/u1	98
8) Phenol	7.310	94	602000	25.168	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.540	93	463656	24.228	ng/u1	98
12) 2-Chlorophenol	7.687	128	450501	24.833	ng/u1	98
13) 2-Methylphenol	8.575	108	426889	23.092	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.663	45	583297	24.328	ng/u1	99
16) Acetophenone	8.963	105	755291	26.036	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.946	70	382084	25.113	ng/u1	97
18) 4-Methylphenol	8.905	108	499586	24.553	ng/u1	98
19) Hexachloroethane	9.222	117	184651	24.928	ng/u1	87
22) Nitrobenzene	9.346	77	565755	26.510	ng/u1	99
23) Isophorone	9.875	82	1129320	25.744	ng/u1	99
25) 2-Nitrophenol	10.063	139	284580	26.991	ng/u1	93
26) 2,4-Dimethylphenol	10.116	107	256936	12.212	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.357	93	682582	25.574	ng/u1	98
29) 2,4-Dichlorophenol	10.599	162	486749	27.775	ng/u1	99
30) Naphthalene	11.010	128	1579611	26.422	ng/u1	100
32) 4-Chloroaniline	11.116	127	537458	20.371	ng/u1	99
33) Hexachlorobutadiene	11.287	225	314198	29.747	ng/u1	96
34) Caprolactam	11.904	113	181097m	27.409	ng/u1	
35) 4-Chloro-3-methylphenol	12.234	107	545119	27.548	ng/u1	97
36) 2-Methylnaphthalene	12.604	142	1084902	26.933	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.822	142	1118064	27.639	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.969	216	611698	29.155	ng/ul	99
40) Hexachlorocyclopentadiene	12.940	237	213168	15.681	ng/ul	99
41) 2,4,6-Trichlorophenol	13.204	196	414577	27.983	ng/ul	98
42) 2,4,5-Trichlorophenol	13.281	196	470266	29.275	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1498547	27.532	ng/ul	98
44) 2-Chloronaphthalene	13.645	162	1183930	27.853	ng/ul	99
45) 2-Nitroaniline	13.851	65	362680	29.820	ng/ul	95
47) Dimethylphthalate	14.216	163	1557905	28.219	ng/ul	100
48) 2,6-Dinitrotoluene	14.345	165	333574	30.498	ng/ul	96
50) Acenaphthylene	14.492	152	1821144	26.920	ng/ul	100
51) 3-Nitroaniline	14.675	138	330584	33.566	ng/ul	98
52) Acenaphthene	14.834	153	1255870	27.181	ng/ul	99
53) 2,4-Dinitrophenol	14.881	184	155994	21.480	ng/ul	97
55) 4-Nitrophenol	14.981	109	241958	31.958	ng/ul	88
56) Dibenzofuran	15.163	168	1790332	27.858	ng/ul	99
57) 2,4-Dinitrotoluene	15.128	165	488600	30.871	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.392	232	410321	30.266	ng/ul	93
59) Diethylphthalate	15.575	149	1643562	29.848	ng/ul	99
61) Fluorene	15.816	166	1450188	28.080	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.798	204	740423	29.342	ng/ul	96
63) 4-Nitroaniline	15.834	138	356623	41.931	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.892	198	248478	25.289	ng/ul	99
67) N-Nitrosodiphenylamine	16.016	169	1301858	29.308	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	501248	32.213	ng/ul	99
69) Hexachlorobenzene	16.822	284	592968	32.247	ng/ul	98
70) Atrazine	16.969	200	339046	20.650	ng/ul	99
71) Pentachlorophenol	17.163	266	310113	26.961	ng/ul	96
72) Phenanthrene	17.563	178	2438954	29.648	ng/ul	99
74) Anthracene	17.651	178	2342353	28.158	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.569	216	623912	29.129	ng/ul	99
76) Pentachlorobenzene	15.087	250	637818	29.657	ng/ul	100
77) Carbazole	17.922	167	2225552	30.511	ng/ul	99
78) Di-n-butylphthalate	18.445	149	3003224	31.971	ng/ul	99
80) Fluoranthene	19.510	202	2685389	39.586	ng/ul	98
82) Pyrene	19.869	202	2661096	37.987	ng/ul	96
83) Butylbenzylphthalate	20.716	149	1196306	38.521	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.498	252	458294	21.745	ng/ul	99
85) Benzo(a)anthracene	21.580	228	2121683	31.975	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.474	149	1681171	37.601	ng/ul	99
87) Chrysene	21.633	228	2017740	31.811	ng/ul	98
89) Di-n-octyl phthalate	22.445	149	2577173	37.152	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	2035653	31.703	ng/ul	99
91) Benzo(k)fluoranthene	23.416	252	1914552	31.052	ng/ul	99
93) Benzo(a)pyrene	24.039	252	1702842	30.003	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.868	276	2363814	32.167	ng/ul	97
95) Dibenzo(a,h)anthracene	26.886	278	1947710	32.287	ng/ul	98
96) Benzo(g,h,i)perylene	27.704	276	1781746	29.733	ng/ul	97

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

