

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050224\
 Data File : BP020187.D
 Acq On : 03 May 2024 22:55
 Operator : MA/JU
 Sample : P2350-07MSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 E08Q3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2024
 Supervised By :mohammad ahmed 05/06/2024

Quant Time: May 03 23:35:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 06:07:25 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	103098	20.000	ng/u1	0.00
20) Naphthalene-d8	10.393	136	444844	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.293	164	321019	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.122	188	704461	20.000	ng/u1	-0.01
79) Chrysene-d12	21.616	240	662259	20.000	ng/u1	0.00
88) Perylene-d12	24.968	264	600413	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.223	96	10036	4.111	ng/uL	0.00
4) Pyridine-d5	3.617	84	149265	21.043	ng/u1	0.00
7) Phenol-d5	6.811	99	227170	25.657	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.975	67	137453	25.556	ng/u1	0.00
11) 2-Chlorophenol-d4	7.158	132	169873	26.838	ng/u1	0.00
15) 4-Methylphenol-d8	8.328	113	187199	26.152	ng/u1	0.00
21) Nitrobenzene-d5	8.787	128	90414	27.142	ng/u1	0.00
24) 2-Nitrophenol-d4	9.493	143	103548	27.145	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.028	165	200367	28.784	ng/u1	0.00
31) 4-Chloroaniline-d4	10.552	131	242200	24.860	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	656432	28.001	ng/u1	0.00
49) Acenaphthylene-d8	13.981	160	697273	26.926	ng/u1	0.00
54) 4-Nitrophenol-d4	14.545	143	95348	26.464	ng/u1	0.00
60) Fluorene-d10	15.310	176	548781	28.066	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.463	200	114153	25.536	ng/u1	-0.01
73) Anthracene-d10	17.222	188	879365	28.855	ng/u1	-0.02
81) Pyrene-d10	19.622	212	1057334	27.313	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.739	264	824782	28.411	ng/u1	-0.01
Target Compounds						
2) 1,4-Dioxane	3.252	88	32670	11.794	ng/uL#	96
5) Pyridine	3.634	79	225865	31.482	ng/u1	97
6) Benzaldehyde	6.793	77	188246	42.299	ng/u1	98
8) Phenol	6.834	94	324568	35.517	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.069	93	239929	33.553	ng/u1	98
12) 2-Chlorophenol	7.193	128	234798	35.530	ng/u1	98
13) 2-Methylphenol	8.063	108	240108	35.224	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.146	45	300495	33.687	ng/u1	98
16) Acetophenone	8.452	105	407096	34.266	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.434	70	225477	34.973	ng/u1	97
18) 4-Methylphenol	8.393	108	268111	36.187	ng/u1	96
19) Hexachloroethane	8.669	117	100430	33.232	ng/u1	94
22) Nitrobenzene	8.822	77	324742	33.959	ng/u1	99
23) Isophorone	9.346	82	634240	34.492	ng/u1	99
25) 2-Nitrophenol	9.528	139	147837	37.415	ng/u1	94
26) 2,4-Dimethylphenol	9.587	107	313031	36.312	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.822	93	349921	34.326	ng/u1	100
29) 2,4-Dichlorophenol	10.052	162	257878	38.085	ng/u1	98
30) Naphthalene	10.446	128	788816	34.403	ng/u1	99
32) 4-Chloroaniline	10.575	127	305028	32.017	ng/u1	96
33) Hexachlorobutadiene	10.710	225	179797	34.187	ng/u1	95
34) Caprolactam	11.393	113	91416m	38.666	ng/u1	
35) 4-Chloro-3-methylphenol	11.716	107	322141	38.211	ng/u1	98
36) 2-Methylnaphthalene	12.069	142	578031	36.232	ng/u1	98

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37) 1-Methylnaphthalene	12.293	142	585897	36.495	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.440	216	350925	35.051	ng/ul	96
40) Hexachlorocyclopentadiene	12.399	237	156864	28.809	ng/ul	97
41) 2,4,6-Trichlorophenol	12.698	196	232293	36.998	ng/ul	97
42) 2,4,5-Trichlorophenol	12.781	196	249544	36.937	ng/ul	96
43) 1,1'-Biphenyl	13.104	154	783351	34.501	ng/ul	99
44) 2-Chloronaphthalene	13.146	162	619068	34.360	ng/ul	98
45) 2-Nitroaniline	13.381	65	230816	38.622	ng/ul	95
47) Dimethylphthalate	13.757	163	818996	34.587	ng/ul	99
48) 2,6-Dinitrotoluene	13.887	165	173160	36.785	ng/ul	93
50) Acenaphthylene	14.004	152	983729	33.773	ng/ul	99
51) 3-Nitroaniline	14.228	138	160319	36.515	ng/ul	96
52) Acenaphthene	14.351	153	659141	33.674	ng/ul	99
53) 2,4-Dinitrophenol	14.451	184	111300	38.520	ng/ul	92
55) 4-Nitrophenol	14.557	109	143159	38.164	ng/ul	95
56) Dibenzofuran	14.704	168	953531	35.420	ng/ul	97
57) 2,4-Dinitrotoluene	14.698	165	259164	38.293	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.940	232	233597	38.504	ng/ul	95
59) Diethylphthalate	15.151	149	856944	36.254	ng/ul	100
61) Fluorene	15.363	166	784394	35.067	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.369	204	426471	35.938	ng/ul	95
63) 4-Nitroaniline	15.422	138	156395	42.744	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.475	198	172919	37.096	ng/ul	98
67) N-Nitrosodiphenylamine	15.598	169	700722	35.724	ng/ul	99
68) 4-Bromophenyl-phenylether	16.287	248	272123	35.662	ng/ul	94
69) Hexachlorobenzene	16.392	284	311921	35.294	ng/ul	97
70) Atrazine	16.592	200	292135	42.003	ng/ul	100
71) Pentachlorophenol	16.757	266	195992	36.689	ng/ul	98
72) Phenanthrene	17.163	178	1258055	35.002	ng/ul	99
74) Anthracene	17.257	178	1272170	34.800	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.063	216	342991	32.760	ng/uL	98
76) Pentachlorobenzene	14.610	250	361812	34.533	ng/uL	98
77) Carbazole	17.551	167	1141930	36.260	ng/ul	100
78) Di-n-butylphthalate	18.151	149	1503799	39.394	ng/ul	99
80) Fluoranthene	19.275	202	1545186	33.916	ng/ul	99
82) Pyrene	19.651	202	1637033	34.535	ng/ul	100
83) Butylbenzylphthalate	20.627	149	671470	37.316	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	422147	31.321	ng/ul	99
85) Benzo(a)anthracene	21.598	228	1555527	34.630	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.545	149	974047	37.522	ng/ul	99
87) Chrysene	21.663	228	1445973	34.732	ng/ul	98
89) Di-n-octyl phthalate	22.833	149	1575413	40.971	ng/ul	100
90) Benzo(b)fluoranthene	23.904	252	1332976	37.321	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1316026	36.156	ng/ul	99
93) Benzo(a)pyrene	24.821	252	1083506	31.883	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.774	276	1314070m	31.543	ng/ul	
95) Dibenzo(a,h)anthracene	28.856	278	1063510m	30.864	ng/ul	
96) Benzo(g,h,i)perylene	29.956	276	996506	29.658	ng/ul	97

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

