

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020812.D
 Acq On : 06 Jul 2024 08:23
 Operator : MA/JU
 Sample : PB161717BS
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS717

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/08/2024
 Supervised By :mohammad ahmed 07/08/2024

Quant Time: Jul 07 22:52:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	197933	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	821277	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.357	164	539138	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.175	188	1139361	20.000	ng/u1	0.01
79) Chrysene-d12	21.622	240	1010671	20.000	ng/u1	0.00
88) Perylene-d12	24.980	264	1175678	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	24790	5.378	ng/uL	0.00
4) Pyridine-d5	3.681	84	360006	26.799	ng/u1	0.00
7) Phenol-d5	6.922	99	503051	30.987	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.081	67	287945	27.978	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	414817	31.265	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	408068	30.949	ng/u1	0.00
21) Nitrobenzene-d5	8.887	128	206348	34.031	ng/u1	0.00
24) 2-Nitrophenol-d4	9.599	143	234810	38.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	423797	33.907	ng/u1	0.00
31) 4-Chloroaniline-d4	10.652	131	535721	30.584	ng/u1	0.01
46) Dimethylphthalate-d6	13.763	166	1229384	32.796	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1398279	31.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	213980	37.360	ng/u1	0.02
60) Fluorene-d10	15.375	176	1041903	33.030	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.516	200	182431	31.773	ng/u1	0.02
73) Anthracene-d10	17.281	188	1593397	31.161	ng/u1	0.02
81) Pyrene-d10	19.663	212	1874277	30.869	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.751	264	1868072	32.665	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	50454	9.782	ng/uL	97
5) Pyridine	3.699	79	357439	25.687	ng/u1	98
6) Benzaldehyde	6.893	77	284229	34.621	ng/u1	99
8) Phenol	6.946	94	507418	30.650	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.169	93	389366	28.408	ng/u1	96
12) 2-Chlorophenol	7.305	128	410641	30.788	ng/u1	97
13) 2-Methylphenol	8.181	108	377697	29.736	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.252	45	539908	25.921	ng/u1	99
16) Acetophenone	8.552	105	618976	29.396	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.534	70	304062	27.167	ng/u1	98
18) 4-Methylphenol	8.505	108	417652	31.064	ng/u1	99
19) Hexachloroethane	8.793	117	163743	28.280	ng/u1	89
22) Nitrobenzene	8.928	77	456396	29.035	ng/u1	97
23) Isophorone	9.440	82	880841	28.282	ng/u1	99
25) 2-Nitrophenol	9.628	139	246125	37.560	ng/u1	92
26) 2,4-Dimethylphenol	9.687	107	346505	22.704	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.922	93	528427	28.521	ng/u1	98
29) 2,4-Dichlorophenol	10.157	162	409194	33.076	ng/u1	97
30) Naphthalene	10.552	128	1293916	29.435	ng/u1	99
32) 4-Chloroaniline	10.675	127	485918	28.813	ng/u1	99
33) Hexachlorobutadiene	10.816	225	280561	30.334	ng/u1	99
34) Caprolactam	11.463	113	135032	35.867	ng/u1	86
35) 4-Chloro-3-methylphenol	11.804	107	454059	33.241	ng/u1	95
36) 2-Methylnaphthalene	12.163	142	894374	30.373	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	906116	30.102	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	538575	31.245	ng/ul	99
40) Hexachlorocyclopentadiene	12.498	237	150269	14.006	ng/ul	96
41) 2,4,6-Trichlorophenol	12.781	196	334644	32.544	ng/ul	99
42) 2,4,5-Trichlorophenol	12.857	196	372234	34.903	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	1189967	29.513	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	943906	29.723	ng/ul	100
45) 2-Nitroaniline	13.440	65	289406	36.181	ng/ul	91
47) Dimethylphthalate	13.816	163	1207592	31.625	ng/ul	99
48) 2,6-Dinitrotoluene	13.945	165	261653	38.428	ng/ul	95
50) Acenaphthylene	14.075	152	1503376	29.755	ng/ul	100
51) 3-Nitroaniline	14.287	138	266122	42.052	ng/ul	92
52) Acenaphthene	14.422	153	988828	29.503	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	111283	31.509	ng/ul	98
55) 4-Nitrophenol	14.616	109	172804	33.715	ng/ul	96
56) Dibenzofuran	14.769	168	1420916	31.461	ng/ul	98
57) 2,4-Dinitrotoluene	14.740	165	376970	40.109	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.010	232	298784	33.920	ng/ul#	94
59) Diethylphthalate	15.198	149	1208606	32.088	ng/ul	98
61) Fluorene	15.434	166	1135975	31.305	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.422	204	595529	31.449	ng/ul	97
63) 4-Nitroaniline	15.469	138	276327	46.009	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.528	198	190812	31.023	ng/ul	92
67) N-Nitrosodiphenylamine	15.645	169	993349	29.563	ng/ul	99
68) 4-Bromophenyl-phenylether	16.334	248	392148	30.857	ng/ul	97
69) Hexachlorobenzene	16.451	284	458111	32.201	ng/ul	93
70) Atrazine	16.628	200	191086	16.132	ng/ul	97
71) Pentachlorophenol	16.822	266	244832	29.892	ng/ul	96
72) Phenanthrene	17.216	178	1825930	30.604	ng/ul	99
74) Anthracene	17.316	178	1806112	29.429	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.146	216	526480	28.466	ng/uL	100
76) Pentachlorobenzene	14.681	250	529888	30.061	ng/uL	99
77) Carbazole	17.598	167	1683893	33.246	ng/ul	99
78) Di-n-butylphthalate	18.181	149	2121926	32.256	ng/ul	100
80) Fluoranthene	19.310	202	2180459	29.400	ng/ul	98
82) Pyrene	19.692	202	2248466	29.561	ng/ul	97
83) Butylbenzylphthalate	20.639	149	965951	34.200	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.533	252	712738	31.896	ng/ul	97
85) Benzo(a)anthracene	21.604	228	2188400	30.892	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.533	149	1353891	30.874	ng/ul	99
87) Chrysene	21.674	228	2064895	30.838	ng/ul	99
89) Di-n-octyl phthalate	22.810	149	2428271	32.173	ng/ul	100
90) Benzo(b)fluoranthene	23.916	252	2259352	31.722	ng/ul	98
91) Benzo(k)fluoranthene	23.986	252	2159284	29.971	ng/ul	98
93) Benzo(a)pyrene	24.821	252	1906276	28.353	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.786	276	2683783m	31.120	ng/ul	
95) Dibenzo(a,h)anthracene	28.862	278	2191374	30.918	ng/ul	99
96) Benzo(g,h,i)perylene	29.986	276	2079738	29.537	ng/ul	98

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

