

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070124\
 Data File : BP020762.D
 Acq On : 02 Jul 2024 22:56
 Operator : MA/JU
 Sample : PB161652BS
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS652

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/03/2024
 Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 23:46:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	205576	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.504	136	848866	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.369	164	548324	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	1074708	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	752025	20.000	ng/u1	0.00
88) Perylene-d12	25.003	264	899348	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	30456	6.362	ng/uL	0.00
4) Pyridine-d5	3.681	84	429819	30.806	ng/u1	0.00
7) Phenol-d5	6.928	99	614346	36.436	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	347267	32.488	ng/u1	0.00
11) 2-Chlorophenol-d4	7.281	132	508283	36.885	ng/u1	0.00
15) 4-Methylphenol-d8	8.451	113	493778	36.058	ng/u1	0.00
21) Nitrobenzene-d5	8.892	128	246812	39.382	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	281485	44.882	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.139	165	516636	39.991	ng/u1	0.00
31) 4-Chloroaniline-d4	10.651	131	638682	35.277	ng/u1	0.00
46) Dimethylphthalate-d6	13.786	166	1491386	39.119	ng/u1	0.00
49) Acenaphthylene-d8	14.063	160	1696193	37.286	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	245877	42.210	ng/u1	0.02
60) Fluorene-d10	15.386	176	1260779	39.299	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.527	200	216867	40.042	ng/u1	0.02
73) Anthracene-d10	17.286	188	1816662	37.664	ng/u1	0.00
81) Pyrene-d10	19.668	212	1829351	40.492	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.768	264	1686611	38.553	ng/u1	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	62278	11.625	ng/uL	94
5) Pyridine	3.705	79	435133	30.108	ng/u1	98
6) Benzaldehyde	6.904	77	347617	40.768	ng/u1	97
8) Phenol	6.957	94	623657	36.271	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.175	93	471591	33.128	ng/u1	97
12) 2-Chlorophenol	7.316	128	503288	36.331	ng/u1	98
13) 2-Methylphenol	8.181	108	465289	35.270	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.251	45	655340	30.293	ng/u1	98
16) Acetophenone	8.557	105	757746	34.649	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.540	70	370373	31.862	ng/u1	99
18) 4-Methylphenol	8.510	108	508713	36.430	ng/u1	99
19) Hexachloroethane	8.804	117	201640	33.530	ng/u1	91
22) Nitrobenzene	8.934	77	560969	34.528	ng/u1	95
23) Isophorone	9.457	82	1058179	32.872	ng/u1	97
25) 2-Nitrophenol	9.634	139	293622	43.352	ng/u1	92
26) 2,4-Dimethylphenol	9.692	107	460795	29.211	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.928	93	635307	33.175	ng/u1	99
29) 2,4-Dichlorophenol	10.169	162	501023	39.182	ng/u1	98
30) Naphthalene	10.563	128	1586271	34.913	ng/u1	99
32) 4-Chloroaniline	10.675	127	571054	32.761	ng/u1	100
33) Hexachlorobutadiene	10.828	225	343562	35.938	ng/u1	99
34) Caprolactam	11.475	113	161052m	41.388	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	544305	38.553	ng/u1	96
36) 2-Methylnaphthalene	12.169	142	1090192	35.820	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.398	142	1099123	35.327	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.533	216	653037	37.251	ng/ul	99
40) Hexachlorocyclopentadiene	12.504	237	178417	16.351	ng/ul	96
41) 2,4,6-Trichlorophenol	12.792	196	410273	39.230	ng/ul	98
42) 2,4,5-Trichlorophenol	12.875	196	443338	40.873	ng/ul	97
43) 1,1'-Biphenyl	13.192	154	1449217	35.340	ng/ul	99
44) 2-Chloronaphthalene	13.233	162	1129670	34.976	ng/ul	99
45) 2-Nitroaniline	13.451	65	353173	43.413	ng/ul	94
47) Dimethylphthalate	13.833	163	1462859	37.668	ng/ul	99
48) 2,6-Dinitrotoluene	13.951	165	311891	45.039	ng/ul	94
50) Acenaphthylene	14.098	152	1826357	35.541	ng/ul	99
51) 3-Nitroaniline	14.292	138	313488	48.707	ng/ul	91
52) Acenaphthene	14.439	153	1194372	35.038	ng/ul	99
53) 2,4-Dinitrophenol	14.510	184	132005	36.750	ng/ul	98
55) 4-Nitrophenol	14.622	109	197682	37.923	ng/ul	97
56) Dibenzofuran	14.780	168	1692151	36.839	ng/ul	99
57) 2,4-Dinitrotoluene	14.751	165	444993	46.553	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.016	232	359495	40.129	ng/ul	98
59) Diethylphthalate	15.216	149	1483858	38.736	ng/ul	99
61) Fluorene	15.445	166	1344266	36.424	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	719215	37.345	ng/ul	97
63) 4-Nitroaniline	15.480	138	310100m	50.767	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.539	198	226230	38.994	ng/ul#	93
67) N-Nitrosodiphenylamine	15.663	169	1193210	37.648	ng/ul	99
68) 4-Bromophenyl-phenylether	16.357	248	466799	38.941	ng/ul	94
69) Hexachlorobenzene	16.469	284	528945	39.417	ng/ul	93
70) Atrazine	16.639	200	250730	22.440	ng/ul	99
71) Pentachlorophenol	16.833	266	278543	36.054	ng/ul	96
72) Phenanthrene	17.227	178	2095560	37.236	ng/ul	99
74) Anthracene	17.321	178	2072587	35.803	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.157	216	637200	36.526	ng/uL	99
76) Pentachlorobenzene	14.692	250	632914	38.066	ng/uL	99
77) Carbazole	17.604	167	1795716	37.587	ng/ul	100
78) Di-n-butylphthalate	18.198	149	2552675	41.138	ng/ul	100
80) Fluoranthene	19.321	202	2173979	39.394	ng/ul	99
82) Pyrene	19.698	202	2180831	38.532	ng/ul	99
83) Butylbenzylphthalate	20.651	149	934153	44.450	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.545	252	625985	37.649	ng/ul	97
85) Benzo(a)anthracene	21.621	228	1952379	37.039	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.557	149	1365955	41.862	ng/ul#	99
87) Chrysene	21.692	228	1853658	37.205	ng/ul	99
89) Di-n-octyl phthalate	22.839	149	2136576	37.006	ng/ul	100
90) Benzo(b)fluoranthene	23.933	252	1989453	36.515	ng/ul	99
91) Benzo(k)fluoranthene	24.009	252	1979330	35.914	ng/ul	98
93) Benzo(a)pyrene	24.839	252	1753208	34.088	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.833	276	2418671m	36.664	ng/ul	
95) Dibenzo(a,h)anthracene	28.909	278	1989875	36.701	ng/ul	98
96) Benzo(g,h,i)perylene	30.009	276	1902104	35.315	ng/ul	98

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

