

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015692.D
 Acq On : 24 Jun 2023 03:20
 Operator : MA/JU
 Sample : PB153415BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS415

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/26/2023
 Supervised By :mohammad ahmed 06/27/2023

Quant Time: Jun 24 04:00:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	137073	20.000	ng/u1	0.00
20) Naphthalene-d8	10.904	136	505599	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.728	164	290502	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.486	188	644731	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	635489	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	771289	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	21937	5.926	ng/uL	0.00
4) Pyridine-d5	3.840	84	269159	27.993	ng/u1	0.00
7) Phenol-d5	7.246	99	339285	26.868	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	217346	28.819	ng/u1	0.00
11) 2-Chlorophenol-d4	7.604	132	281584	30.755	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	268709	25.927	ng/u1	0.00
21) Nitrobenzene-d5	9.257	128	133860	33.723	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	149553	32.991	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	257775	31.173	ng/u1	0.00
31) 4-Chloroaniline-d4	11.051	131	338923	28.554	ng/u1	0.00
46) Dimethylphthalate-d6	14.134	166	728269	31.791	ng/u1	0.00
49) Acenaphthylene-d8	14.422	160	855261	34.144	ng/u1	0.00
54) 4-Nitrophenol-d4	14.957	143	116424	28.380	ng/u1	0.00
60) Fluorene-d10	15.722	176	615034	31.838	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	123656	30.275	ng/u1	0.00
73) Anthracene-d10	17.592	188	973863	33.199	ng/u1	0.00
81) Pyrene-d10	19.816	212	1199153	35.256	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.974	264	1302532	33.657	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	43865	11.219	ng/uL#	86
5) Pyridine	3.864	79	259475	26.030	ng/u1	100
6) Benzaldehyde	7.216	77	220080	45.595	ng/u1	97
8) Phenol	7.269	94	336595	25.836	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.493	93	266766	25.898	ng/u1	99
12) 2-Chlorophenol	7.640	128	269966	27.908	ng/u1	99
13) 2-Methylphenol	8.534	108	246636	24.605	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.616	45	356850m	26.143	ng/u1	
16) Acetophenone	8.916	105	398929	24.119	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.893	70	209991	23.523	ng/u1	97
18) 4-Methylphenol	8.869	108	261691	23.728	ng/u1	97
19) Hexachloroethane	9.163	117	123947	30.321	ng/u1	97
22) Nitrobenzene	9.304	77	324650	30.840	ng/u1	98
23) Isophorone	9.828	82	578899	27.472	ng/u1	98
25) 2-Nitrophenol	10.016	139	146242	29.880	ng/u1	97
26) 2,4-Dimethylphenol	10.075	107	275159	26.510	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.310	93	336017	27.427	ng/u1	100
29) 2,4-Dichlorophenol	10.563	162	239760	29.162	ng/u1	97
30) Naphthalene	10.957	128	811141	29.606	ng/u1	99
32) 4-Chloroaniline	11.081	127	301754	24.570	ng/u1	100
33) Hexachlorobutadiene	11.228	225	182363	32.890	ng/u1	96
34) Caprolactam	11.869	113	74103	23.943	ng/u1	94
35) 4-Chloro-3-methylphenol	12.204	107	264138	26.516	ng/u1	100
36) 2-Methylnaphthalene	12.557	142	515127	26.745	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.775	142	524074	27.025	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.928	216	294323	32.536	ng/ul	99
40) Hexachlorocyclopentadiene	12.892	237	61287	16.528	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	185320	30.780	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	201065	30.646	ng/ul	98
43) 1,1'-Biphenyl	13.563	154	683714	30.434	ng/ul	100
44) 2-Chloronaphthalene	13.610	162	547196	31.045	ng/ul	98
45) 2-Nitroaniline	13.828	65	179848	31.881	ng/ul	97
47) Dimethylphthalate	14.181	163	676598	28.606	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	147550	30.449	ng/ul	98
50) Acenaphthylene	14.451	152	838135	30.215	ng/ul	100
51) 3-Nitroaniline	14.651	138	148127	37.029	ng/ul	93
52) Acenaphthene	14.792	153	575518	30.015	ng/ul	98
53) 2,4-Dinitrophenol	14.881	184	68715	23.573	ng/ul	98
55) 4-Nitrophenol	14.969	109	106900	27.016	ng/ul	88
56) Dibenzofuran	15.128	168	798625	29.386	ng/ul	97
57) 2,4-Dinitrotoluene	15.116	165	208724	29.286	ng/ul#	83
58) 2,3,4,6-Tetrachlorophenol	15.363	232	172780	29.167	ng/ul	97
59) Diethylphthalate	15.539	149	701773	28.950	ng/ul	99
61) Fluorene	15.781	166	650773	29.375	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	328397	29.412	ng/ul	98
63) 4-Nitroaniline	15.822	138	159204m	41.958	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.886	198	115646	27.762	ng/ul	96
67) N-Nitrosodiphenylamine	15.986	169	558570	30.538	ng/ul	100
68) 4-Bromophenyl-phenylether	16.663	248	211463	30.658	ng/ul	97
69) Hexachlorobenzene	16.792	284	253548	31.163	ng/ul	98
70) Atrazine	16.939	200	180458	24.706	ng/ul	100
71) Pentachlorophenol	17.145	266	136611m	29.706	ng/ul	
72) Phenanthrene	17.533	178	1060609	30.654	ng/ul	99
74) Anthracene	17.627	178	1067978	30.422	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.534	216	292965	32.924	ng/uL	100
76) Pentachlorobenzene	15.051	250	289905	31.118	ng/uL	99
77) Carbazole	17.898	167	1003637	31.751	ng/ul	99
78) Di-n-butylphthalate	18.422	149	1247149	31.097	ng/ul	100
80) Fluoranthene	19.492	202	1321522	31.897	ng/ul	99
82) Pyrene	19.845	202	1359107	31.708	ng/ul	100
83) Butylbenzylphthalate	20.698	149	616439	32.538	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.492	252	507685	33.815	ng/ul	98
85) Benzo(a)anthracene	21.563	228	1353734	30.472	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.451	149	886024	31.641	ng/ul	99
87) Chrysene	21.621	228	1307220	31.130	ng/ul	99
89) Di-n-octyl phthalate	22.421	149	1589373	31.354	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	1446560	29.055	ng/ul	99
91) Benzo(k)fluoranthene	23.404	252	1433053	29.777	ng/ul	99
93) Benzo(a)pyrene	24.027	252	1299100	29.928	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.862	276	1777690	31.645	ng/ul	99
95) Dibenzo(a,h)anthracene	26.868	278	1481622	32.374	ng/ul	99
96) Benzo(g,h,i)perylene	27.698	276	1463003	31.602	ng/ul	98

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

