

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015888.D
 Acq On : 01 Jul 2023 17:39
 Operator : MA/JU
 Sample : PB153698BS
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS698

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 02:54:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 02:29:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	296331	20.000	ng/u1	0.00
20) Naphthalene-d8	10.875	136	1233541	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.698	164	662639	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.457	188	1119527	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.551	240	886450	20.000	ng/u1	0.00
88) Perylene-d12	24.098	264	1060051	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	48382	5.874	ng/uL	0.00
4) Pyridine-d5	3.816	84	670075	32.274	ng/u1	0.00
7) Phenol-d5	7.222	99	884387	34.881	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	584396	37.255	ng/u1	0.00
11) 2-Chlorophenol-d4	7.581	132	690791	36.093	ng/u1	0.00
15) 4-Methylphenol-d8	8.781	113	697595	34.828	ng/u1	0.00
21) Nitrobenzene-d5	9.234	128	342508	36.332	ng/u1	0.00
24) 2-Nitrophenol-d4	9.963	143	378580	34.408	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	643606	32.826	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.028	131	862750	34.254	ng/u1	-0.01
46) Dimethylphthalate-d6	14.104	166	1774348	34.644	ng/u1	0.00
49) Acenaphthylene-d8	14.392	160	2014934	34.997	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	191003	28.260	ng/u1	-0.02
60) Fluorene-d10	15.692	176	1363116	32.323	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.851	200	212665	30.888	ng/u1	-0.01
73) Anthracene-d10	17.563	188	1779763	34.803	ng/u1	0.00
81) Pyrene-d10	19.792	212	1829674	31.610	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.927	264	1949884	36.464	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.410	88	102128	11.522	ng/uL	98
5) Pyridine	3.840	79	656664	30.233	ng/u1	93
6) Benzaldehyde	7.193	77	539808	52.660	ng/u1	97
8) Phenol	7.251	94	927945	35.268	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.469	93	761307	36.367	ng/u1	99
12) 2-Chlorophenol	7.610	128	704216	34.633	ng/u1	98
13) 2-Methylphenol	8.510	108	688779	34.673	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.581	45	1107571	38.737	ng/u1	98
16) Acetophenone	8.893	105	1099148	33.383	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.869	70	606824	33.183	ng/u1	99
18) 4-Methylphenol	8.845	108	734837	34.428	ng/u1	100
19) Hexachloroethane	9.128	117	295394	31.454	ng/u1	94
22) Nitrobenzene	9.275	77	874423	33.030	ng/u1	96
23) Isophorone	9.804	82	1662455	32.815	ng/u1	99
25) 2-Nitrophenol	9.992	139	392322	33.598	ng/u1	91
26) 2,4-Dimethylphenol	10.051	107	743547	28.966	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.281	93	1023425	35.785	ng/u1	98
29) 2,4-Dichlorophenol	10.539	162	633219	32.485	ng/u1	99
30) Naphthalene	10.922	128	2191639	32.683	ng/u1	99
32) 4-Chloroaniline	11.057	127	741316	28.329	ng/u1	98
33) Hexachlorobutadiene	11.187	225	404627	27.487	ng/u1	99
34) Caprolactam	11.863	113	198387	33.272	ng/u1	95
35) 4-Chloro-3-methylphenol	12.192	107	701470	30.743	ng/u1	97
36) 2-Methylnaphthalene	12.534	142	1402119	31.762	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.751	142	1414988	31.421	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.898	216	739006	33.843	ng/ul	98
40) Hexachlorocyclopentadiene	12.857	237	100479	15.381	ng/ul	99
41) 2,4,6-Trichlorophenol	13.151	196	437663	31.715	ng/ul	97
42) 2,4,5-Trichlorophenol	13.239	196	485829	33.191	ng/ul	97
43) 1,1'-Biphenyl	13.533	154	1823316	34.740	ng/ul	98
44) 2-Chloronaphthalene	13.581	162	1419940	34.342	ng/ul	98
45) 2-Nitroaniline	13.810	65	460765	35.417	ng/ul	93
47) Dimethylphthalate	14.151	163	1761301	33.229	ng/ul	98
48) 2,6-Dinitrotoluene	14.298	165	361422	33.615	ng/ul	95
50) Acenaphthylene	14.422	152	2126413	33.519	ng/ul	100
51) 3-Nitroaniline	14.639	138	342081	40.572	ng/ul	95
52) Acenaphthene	14.763	153	1466982	33.347	ng/ul	98
53) 2,4-Dinitrophenol	14.875	184	120922	21.198	ng/ul	89
55) 4-Nitrophenol	14.969	109	133351	19.039	ng/ul#	79
56) Dibenzofuran	15.098	168	1970091	32.260	ng/ul	97
57) 2,4-Dinitrotoluene	15.104	165	455693	31.102	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.339	232	336730	26.783	ng/ul	99
59) Diethylphthalate	15.510	149	1758789	32.789	ng/ul	99
61) Fluorene	15.751	166	1550901	31.310	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.733	204	776718	30.645	ng/ul	97
63) 4-Nitroaniline	15.810	138	281632	48.804	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.869	198	211893	30.418	ng/ul	99
67) N-Nitrosodiphenylamine	15.957	169	1293303	38.589	ng/ul	98
68) 4-Bromophenyl-phenylether	16.633	248	455361	35.619	ng/ul	95
69) Hexachlorobenzene	16.763	284	497958	33.011	ng/ul	98
70) Atrazine	16.916	200	143275	11.168	ng/ul	96
71) Pentachlorophenol	17.127	266	199800m	27.597	ng/ul	
72) Phenanthrene	17.504	178	2099347	34.518	ng/ul	100
74) Anthracene	17.598	178	2090538	34.208	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.504	216	713480	39.166	ng/ul	99
76) Pentachlorobenzene	15.022	250	664838	36.161	ng/ul	99
77) Carbazole	17.880	167	1809448	35.129	ng/ul	99
78) Di-n-butylphthalate	18.386	149	2667691	39.066	ng/ul	99
80) Fluoranthene	19.463	202	2173878	30.219	ng/ul#	92
82) Pyrene	19.821	202	2252113	30.690	ng/ul#	92
83) Butylbenzylphthalate	20.662	149	1036042	34.607	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	744971	37.176	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2164027	34.704	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	1499912	36.456	ng/ul#	99
87) Chrysene	21.592	228	2065978	34.921	ng/ul	99
89) Di-n-octyl phthalate	22.374	149	2589401	33.425	ng/ul	100
90) Benzo(b)fluoranthene	23.309	252	2308778	33.896	ng/ul#	97
91) Benzo(k)fluoranthene	23.356	252	2311396	33.587	ng/ul#	96
93) Benzo(a)pyrene	23.980	252	2083063	35.000	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.797	276	2801711	34.677	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.803	278	2318891	34.942	ng/ul#	96
96) Benzo(g,h,i)perylene	27.633	276	2299947	34.602	ng/ul#	94

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

