

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016115.D
 Acq On : 09 Jul 2023 04:20
 Operator : MA/JU
 Sample : 03351-02MS
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW10MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 09 05:29:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.011	152	302865	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.834	136	1253765	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	724210	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.428	188	1491987	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1246211	20.000	ng/u1	-0.01
88) Perylene-d12	24.068	264	1395955	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	37946	4.508	ng/uL	0.00
4) Pyridine-d5	3.793	84	493075	23.237	ng/u1	-0.01
7) Phenol-d5	7.193	99	684196	26.403	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	478307	29.834	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.546	132	548894	28.060	ng/u1	-0.02
15) 4-Methylphenol-d8	8.752	113	549991	26.866	ng/u1	-0.02
21) Nitrobenzene-d5	9.199	128	265797	27.740	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.928	143	298065	26.653	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.487	165	525469	26.368	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	694870	27.144	ng/u1	-0.02
46) Dimethylphthalate-d6	14.075	166	1537608	27.469	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	1758546	27.947	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.951	143	116929	15.829	ng/u1	-0.01
60) Fluorene-d10	15.663	176	1259984	27.337	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.839	200	218298	23.791	ng/u1	-0.01
73) Anthracene-d10	17.534	188	1864385	27.357	ng/u1	-0.01
81) Pyrene-d10	19.763	212	2081530	25.580	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.892	264	1988044	28.232	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	103044	11.375	ng/uL	98
5) Pyridine	3.811	79	634978	28.604	ng/u1	98
6) Benzaldehyde	7.164	77	462492	44.144	ng/u1	97
8) Phenol	7.222	94	857161	31.875	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.434	93	698183	32.632	ng/u1	97
12) 2-Chlorophenol	7.575	128	643597	30.969	ng/u1	97
13) 2-Methylphenol	8.481	108	635090	31.280	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1060400	36.287	ng/u1	98
16) Acetophenone	8.858	105	1016315	30.201	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.834	70	569000	30.444	ng/u1	99
18) 4-Methylphenol	8.822	108	684477	31.377	ng/u1	99
19) Hexachloroethane	9.081	117	290241	30.238	ng/u1	93
22) Nitrobenzene	9.246	77	831037	30.885	ng/u1	97
23) Isophorone	9.769	82	1584704	30.776	ng/u1	98
25) 2-Nitrophenol	9.963	139	370504	31.218	ng/u1	92
26) 2,4-Dimethylphenol	10.022	107	772435	29.606	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.246	93	959530	33.010	ng/u1	98
29) 2,4-Dichlorophenol	10.516	162	592455	29.903	ng/u1	98
30) Naphthalene	10.881	128	2072535	30.408	ng/u1	99
32) 4-Chloroaniline	11.028	127	689843	25.937	ng/u1	97
33) Hexachlorobutadiene	11.140	225	390423	26.095	ng/u1	98
34) Caprolactam	11.846	113	188417	31.090	ng/u1	93
35) 4-Chloro-3-methylphenol	12.163	107	674660	29.091	ng/u1	97
36) 2-Methylnaphthalene	12.499	142	1336197	29.781	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	1358657	29.684	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.869	216	715732	29.991	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	204935	28.704	ng/ul	98
41) 2,4,6-Trichlorophenol	13.122	196	454707	30.149	ng/ul	99
42) 2,4,5-Trichlorophenol	13.216	196	496090	31.010	ng/ul	98
43) 1,1'-Biphenyl	13.498	154	1791214	31.227	ng/ul	97
44) 2-Chloronaphthalene	13.546	162	1389746	30.754	ng/ul	99
45) 2-Nitroaniline	13.787	65	474038	33.339	ng/ul	95
47) Dimethylphthalate	14.122	163	1727769	29.825	ng/ul	98
48) 2,6-Dinitrotoluene	14.275	165	363588	30.941	ng/ul	99
50) Acenaphthylene	14.387	152	2167450	31.261	ng/ul	99
51) 3-Nitroaniline	14.622	138	347280	37.687	ng/ul	93
52) Acenaphthene	14.728	153	1489361	30.978	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	149438	23.970	ng/ul	91
55) 4-Nitrophenol	14.981	109	248343	32.443	ng/ul#	51
56) Dibenzofuran	15.069	168	2027293	30.375	ng/ul	98
57) 2,4-Dinitrotoluene	15.087	165	497405	31.062	ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	15.316	232	393683	28.650	ng/ul	99
59) Diethylphthalate	15.475	149	1768774	30.172	ng/ul	100
61) Fluorene	15.716	166	1645428	30.394	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	804821	29.054	ng/ul	97
63) 4-Nitroaniline	15.804	138	314449m	49.859	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.851	198	257852	27.775	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1366133	30.586	ng/ul	98
68) 4-Bromophenyl-phenylether	16.604	248	499520	29.319	ng/ul	88
69) Hexachlorobenzene	16.728	284	564691	28.090	ng/ul	96
70) Atrazine	16.887	200	392914	22.981	ng/ul	98
71) Pentachlorophenol	17.098	266	250371	25.949	ng/ul	98
72) Phenanthrene	17.469	178	2515975	31.041	ng/ul	100
74) Anthracene	17.569	178	2510902	30.830	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	731666	30.137	ng/uL	99
76) Pentachlorobenzene	14.987	250	1577649	64.387	ng/uL	99
77) Carbazole	17.857	167	2221100	32.356	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3016848	33.150	ng/ul	100
80) Fluoranthene	19.439	202	2799662	27.683	ng/ul#	94
82) Pyrene	19.798	202	2892695	28.040	ng/ul#	91
83) Butylbenzylphthalate	20.639	149	1305017	31.007	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.445	252	871144	30.923	ng/ul	99
85) Benzo(a)anthracene	21.510	228	2619904	29.885	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1941519	33.566	ng/ul#	99
87) Chrysene	21.569	228	2634841	31.679	ng/ul	100
89) Di-n-octyl phthalate	22.333	149	3283984	32.190	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2674413	29.816	ng/ul	99
91) Benzo(k)fluoranthene	23.327	252	2783479	30.714	ng/ul	98
93) Benzo(a)pyrene	23.951	252	2420793	30.887	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.745	276	3110410	29.234	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.745	278	2538331	29.045	ng/ul#	96
96) Benzo(g,h,i)perylene	27.592	276	2515738	28.742	ng/ul#	96

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

