

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016116.D
 Acq On : 09 Jul 2023 04:54
 Operator : MA/JU
 Sample : 03351-03MSD
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW10MSD

Manual Integrations
 APPROVED

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

Quant Time: Jul 09 05:31:21 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	8.010	152	366032	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.834	136	1539461	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.663	164	922061	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.428	188	2024232	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.522	240	1754758	20.000	ng/u1	#-0.02
88) Perylene-d12	24.068	264	1852678	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	39948	3.927	ng/uL	0.00
4) Pyridine-d5	3.793	84	531813	20.737	ng/u1	-0.01
7) Phenol-d5	7.193	99	753214	24.050	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	510265	26.335	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.540	132	592687	25.070	ng/u1	-0.02
15) 4-Methylphenol-d8	8.752	113	605123	24.458	ng/u1	-0.02
21) Nitrobenzene-d5	9.199	128	289653	24.620	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.928	143	330238	24.050	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.481	165	576101	23.544	ng/u1	-0.02
31) 4-Chloroaniline-d4	11.004	131	782850	24.905	ng/u1	-0.02
46) Dimethylphthalate-d6	14.075	166	1764827	24.763	ng/u1	-0.01
49) Acenaphthylene-d8	14.357	160	2006286	25.043	ng/u1	-0.02
54) 4-Nitrophenol-d4	14.939	143	171425	18.227	ng/u1	-0.02
60) Fluorene-d10	15.657	176	1463225	24.935	ng/u1	-0.02
65) 4,6-Dinitro-2-methylph...	15.834	200	273302	21.954	ng/u1	-0.02
73) Anthracene-d10	17.528	188	2277661	24.633	ng/u1	-0.02
81) Pyrene-d10	19.763	212	2632389	22.974	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.892	264	2349110	25.136	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	101923	9.309	ng/uL	99
5) Pyridine	3.811	79	686667	25.594	ng/u1	98
6) Benzaldehyde	7.163	77	506645	40.013	ng/u1	97
8) Phenol	7.222	94	938616	28.881	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.434	93	763238	29.517	ng/u1	98
12) 2-Chlorophenol	7.575	128	691784	27.543	ng/u1	97
13) 2-Methylphenol	8.475	108	697903	28.442	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.546	45	1139523	32.265	ng/u1	99
16) Acetophenone	8.857	105	1114731	27.409	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.834	70	622504	27.559	ng/u1	98
18) 4-Methylphenol	8.816	108	746349	28.309	ng/u1	98
19) Hexachloroethane	9.081	117	309018	26.639	ng/u1	91
22) Nitrobenzene	9.246	77	911818	27.598	ng/u1	97
23) Isophorone	9.769	82	1751481	27.702	ng/u1	99
25) 2-Nitrophenol	9.963	139	403583	27.694	ng/u1	95
26) 2,4-Dimethylphenol	10.022	107	842490	26.299	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.246	93	1053312	29.512	ng/u1	98
29) 2,4-Dichlorophenol	10.510	162	659248	27.099	ng/u1	98
30) Naphthalene	10.881	128	2253694	26.930	ng/u1	99
32) 4-Chloroaniline	11.028	127	784833	24.032	ng/u1	98
33) Hexachlorobutadiene	11.140	225	425395	23.155	ng/u1	99
34) Caprolactam	11.846	113	225831	30.349	ng/u1	95
35) 4-Chloro-3-methylphenol	12.163	107	776120	27.256	ng/u1	98
36) 2-Methylnaphthalene	12.493	142	1491022	27.064	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1496805	26.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.863	216	796431	26.211	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	232054	25.528	ng/ul	97
41) 2,4,6-Trichlorophenol	13.122	196	518197	26.986	ng/ul	98
42) 2,4,5-Trichlorophenol	13.216	196	553498	27.175	ng/ul	99
43) 1,1'-Biphenyl	13.498	154	2005213	27.456	ng/ul	97
44) 2-Chloronaphthalene	13.545	162	1564842	27.199	ng/ul	99
45) 2-Nitroaniline	13.787	65	554627	30.637	ng/ul	95
47) Dimethylphthalate	14.122	163	1999175	27.105	ng/ul	98
48) 2,6-Dinitrotoluene	14.275	165	426179	28.486	ng/ul	96
50) Acenaphthylene	14.387	152	2448777	27.740	ng/ul	100
51) 3-Nitroaniline	14.622	138	411445	35.069	ng/ul	96
52) Acenaphthene	14.728	153	1699576	27.765	ng/ul	98
53) 2,4-Dinitrophenol	14.863	184	198746	25.039	ng/ul	90
55) 4-Nitrophenol	14.981	109	317655m	32.593	ng/ul	
56) Dibenzofuran	15.069	168	2329448	27.413	ng/ul	97
57) 2,4-Dinitrotoluene	15.081	165	589874	28.933	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.310	232	463188	26.476	ng/ul	99
59) Diethylphthalate	15.475	149	2098600	28.117	ng/ul	99
61) Fluorene	15.716	166	1902412	27.601	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.698	204	931427	26.410	ng/ul	97
63) 4-Nitroaniline	15.798	138	375346	46.744	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.851	198	320581	25.452	ng/ul	95
67) N-Nitrosodiphenylamine	15.928	169	1614093	26.636	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	591416	25.586	ng/ul	88
69) Hexachlorobenzene	16.728	284	674555	24.732	ng/ul	96
70) Atrazine	16.886	200	484976	20.907	ng/ul	96
71) Pentachlorophenol	17.098	266	319659	24.419	ng/ul	97
72) Phenanthrene	17.469	178	3028048	27.536	ng/ul	100
74) Anthracene	17.569	178	3036117	27.477	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	820415	24.908	ng/uL	100
76) Pentachlorobenzene	14.987	250	1802217	54.213	ng/uL	99
77) Carbazole	17.857	167	2733824	29.354	ng/ul	99
78) Di-n-butylphthalate	18.357	149	3803315	30.804	ng/ul	100
80) Fluoranthene	19.439	202	3560062	25.000	ng/ul	95
82) Pyrene	19.792	202	3655566	25.165	ng/ul#	91
83) Butylbenzylphthalate	20.633	149	1718785	29.003	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.439	252	1108026	27.933	ng/ul	99
85) Benzo(a)anthracene	21.504	228	3307172	26.792	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	2529021	31.052	ng/ul	99
87) Chrysene	21.563	228	3254864	27.792	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	4174817	30.834	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	3222910	27.074	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	3301125	27.446	ng/ul	98
93) Benzo(a)pyrene	23.951	252	2887721	27.762	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.745	276	3448894	24.424	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.745	278	2849265	24.566	ng/ul#	95
96) Benzo(g,h,i)perylene	27.586	276	2746199	23.640	ng/ul#	95

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

