

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111224\
 Data File : BP023063.D
 Acq On : 13 Nov 2024 02:01
 Operator : RC/JU
 Sample : PB164854BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS854

Quant Time: Nov 13 04:01:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 23:59:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/14/2024
 Supervised By :mohammad ahmed 11/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.581	152	81758	20.000	ng/u1	0.00
20) Naphthalene-d8	10.334	136	332974	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.198	164	277034	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.992	188	687119	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.433	240	785182	20.000	ng/u1	-0.02
88) Perylene-d12	24.657	264	900258	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.140	96	11491	6.756	ng/uL	0.00
4) Pyridine-d5	3.546	84	153674	30.410	ng/u1	0.00
7) Phenol-d5	6.781	99	206672	34.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	115458	32.511	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	149115	33.684	ng/u1	0.00
15) 4-Methylphenol-d8	8.293	113	166913	33.556	ng/u1	0.00
21) Nitrobenzene-d5	8.728	128	75859	32.725	ng/u1	0.00
24) 2-Nitrophenol-d4	9.434	143	90721	32.828	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	196833	34.011	ng/u1	0.00
31) 4-Chloroaniline-d4	10.481	131	198328	28.725	ng/u1	0.00
46) Dimethylphthalate-d6	13.616	166	655428	32.826	ng/u1	0.00
49) Acenaphthylene-d8	13.893	160	689403	33.091	ng/u1	0.00
54) 4-Nitrophenol-d4	14.445	143	94390	31.457	ng/u1	0.00
60) Fluorene-d10	15.198	176	565249	32.289	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.363	200	136327	33.120	ng/u1	-0.01
73) Anthracene-d10	17.110	188	958586	32.949	ng/u1	-0.01
81) Pyrene-d10	19.486	212	1241619	34.331	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.433	264	1487929	34.698	ng/u1	-0.03
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.170	88	21931	11.159	ng/uL	92
5) Pyridine	3.570	79	151963	29.943	ng/u1	94
6) Benzaldehyde	6.752	77	80177m	23.050	ng/u1	
8) Phenol	6.811	94	205977	32.632	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.022	93	151917	32.028	ng/u1	95
12) 2-Chlorophenol	7.164	128	151276	32.914	ng/u1	98
13) 2-Methylphenol	8.034	108	150701	31.984	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.093	45	172052	32.042	ng/u1	97
16) Acetophenone	8.399	105	261207	31.250	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.381	70	136251	32.646	ng/u1	97
18) 4-Methylphenol	8.358	108	166562	32.005	ng/u1	99
19) Hexachloroethane	8.634	117	67273	30.265	ng/u1	99
22) Nitrobenzene	8.763	77	209983	31.570	ng/u1	99
23) Isophorone	9.287	82	377011	31.699	ng/u1	98
25) 2-Nitrophenol	9.463	139	94108	32.263	ng/u1	96
26) 2,4-Dimethylphenol	9.528	107	158215	25.118	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.757	93	212649	32.495	ng/u1	98
29) 2,4-Dichlorophenol	10.005	162	183256	31.968	ng/u1	98
30) Naphthalene	10.387	128	499756	30.894	ng/u1	99
32) 4-Chloroaniline	10.505	127	150782	22.541	ng/u1	97
33) Hexachlorobutadiene	10.657	225	149055	28.737	ng/u1	98
34) Caprolactam	11.293	113	55309m	32.438	ng/u1	
35) 4-Chloro-3-methylphenol	11.646	107	203679	33.028	ng/u1	98
36) 2-Methylnaphthalene	11.993	142	379854	31.103	ng/u1	98

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37) 1-Methylnaphthalene	12.216	142	376751	30.177	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.369	216	286458	30.628	ng/ul	97
40) Hexachlorocyclopentadiene	12.334	237	118724	24.168	ng/ul	99
41) 2,4,6-Trichlorophenol	12.622	196	172317	30.257	ng/ul	96
42) 2,4,5-Trichlorophenol	12.710	196	196254	31.965	ng/ul	100
43) 1,1'-Biphenyl	13.010	154	557848	31.425	ng/ul	99
44) 2-Chloronaphthalene	13.057	162	454671	31.333	ng/ul	100
45) 2-Nitroaniline	13.287	65	139218	34.168	ng/ul	89
47) Dimethylphthalate	13.657	163	621847	31.580	ng/ul	99
48) 2,6-Dinitrotoluene	13.775	165	129315	33.761	ng/ul	96
50) Acenaphthylene	13.922	152	690190	32.773	ng/ul	99
51) 3-Nitroaniline	14.116	138	112284	34.035	ng/ul	97
52) Acenaphthene	14.263	153	478136	31.273	ng/ul	99
53) 2,4-Dinitrophenol	14.351	184	80998	29.803	ng/ul	93
55) 4-Nitrophenol	14.463	109	102571	29.217	ng/ul	95
56) Dibenzofuran	14.610	168	743011	31.454	ng/ul	99
57) 2,4-Dinitrotoluene	14.604	165	203178	33.282	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.840	232	169614	28.262	ng/ul	97
59) Diethylphthalate	15.045	149	627575	32.225	ng/ul	100
61) Fluorene	15.263	166	610991	31.601	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.263	204	357193	31.376	ng/ul	98
63) 4-Nitroaniline	15.316	138	119252	38.846	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.375	198	141158	32.103	ng/ul	96
67) N-Nitrosodiphenylamine	15.481	169	526637	33.169	ng/ul	98
68) 4-Bromophenyl-phenylether	16.175	248	248491	31.936	ng/ul	96
69) Hexachlorobenzene	16.292	284	312477	31.901	ng/ul	97
70) Atrazine	16.469	200	100382	13.079	ng/ul	99
71) Pentachlorophenol	16.657	266	155620	25.590	ng/ul	99
72) Phenanthrene	17.045	178	1075833	33.162	ng/ul	98
74) Anthracene	17.151	178	1040329	31.895	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.981	216	287960	31.741	ng/ul	98
76) Pentachlorobenzene	14.522	250	313285	30.244	ng/ul	97
77) Carbazole	17.434	167	949831	33.377	ng/ul	99
78) Di-n-butylphthalate	18.004	149	1087587	34.440	ng/ul	99
80) Fluoranthene	19.133	202	1427467	34.260	ng/ul	99
82) Pyrene	19.516	202	1494655	33.393	ng/ul	99
83) Butylbenzylphthalate	20.469	149	505693	34.315	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.345	252	556914	31.598	ng/ul	100
85) Benzo(a)anthracene	21.416	228	1569460	32.735	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	716445	34.211	ng/ul	96
87) Chrysene	21.480	228	1464667	32.467	ng/ul	98
89) Di-n-octyl phthalate	22.569	149	1239438	33.935	ng/ul	100
90) Benzo(b)fluoranthene	23.633	252	1708700	34.100	ng/ul	100
91) Benzo(k)fluoranthene	23.704	252	1657642	33.605	ng/ul	98
93) Benzo(a)pyrene	24.498	252	1501021	33.138	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.286	276	2002610m	31.733	ng/ul	
95) Dibenzo(a,h)anthracene	28.357	278	1628126m	31.774	ng/ul	
96) Benzo(g,h,i)perylene	29.421	276	1547971m	32.294	ng/ul	

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

