

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013739.D
 Acq On : 03 Feb 2023 14:17
 Operator : CG/JU
 Sample : PB150529BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 03 23:16:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	225263	20.000	ng/ul	0.00
20) Naphthalene-d8	10.963	136	1006870	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.769	164	739079	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.522	188	1851339	20.000	ng/ul	0.00
79) Chrysene-d12	21.604	240	2081262	20.000	ng/ul	0.00
88) Perylene-d12	24.174	264	2380376	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	30727	5.783	ng/uL	0.00
4) Pyridine-d5	3.911	84	460583	30.212	ng/ul	0.00
7) Phenol-d5	7.275	99	623905	31.513	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.452	67	362173	31.191	ng/ul	0.00
11) 2-Chlorophenol-d4	7.658	132	452293	31.165	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	489818	31.035	ng/ul	0.00
21) Nitrobenzene-d5	9.305	128	206959	32.221	ng/ul	0.00
24) 2-Nitrophenol-d4	10.034	143	244896	32.716	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	550687	31.459	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	649881	28.110	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1760335	30.216	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1911796	29.701	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	303453	30.902	ng/ul	0.00
60) Fluorene-d10	15.757	176	1563489	31.135	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	312557	30.127	ng/ul	0.00
73) Anthracene-d10	17.622	188	2617293	30.329	ng/ul	0.00
81) Pyrene-d10	19.839	212	3413472	29.406	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.010	264	3737809	30.760	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.511	88	63825	11.527	ng/uL	96
5) Pyridine	3.928	79	448893	29.243	ng/ul	99
6) Benzaldehyde	7.263	77	344995m	43.460	ng/ul	
8) Phenol	7.305	94	640229	31.599	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.546	93	490516	30.127	ng/ul	98
12) 2-Chlorophenol	7.693	128	459515	31.252	ng/ul	98
13) 2-Methylphenol	8.569	108	463871	29.986	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.658	45	584236	30.308	ng/ul	99
16) Acetophenone	8.963	105	762481	30.990	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.946	70	381691	30.968	ng/ul	100
18) 4-Methylphenol	8.899	108	524383	31.212	ng/ul	99
19) Hexachloroethane	9.228	117	175856	30.556	ng/ul	96
22) Nitrobenzene	9.346	77	551781	31.806	ng/ul	98
23) Isophorone	9.875	82	1161779	29.251	ng/ul	99
25) 2-Nitrophenol	10.063	139	264587	31.946	ng/ul	96
26) 2,4-Dimethylphenol	10.116	107	565364	30.212	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.357	93	713790	29.654	ng/ul	99
29) 2,4-Dichlorophenol	10.599	162	527674	31.148	ng/ul	100
30) Naphthalene	11.010	128	1569964	29.502	ng/ul	99
32) 4-Chloroaniline	11.116	127	646082	27.768	ng/ul	98
33) Hexachlorobutadiene	11.293	225	359636	30.101	ng/ul	98
34) Caprolactam	11.893	113	176451m	30.805	ng/ul	
35) 4-Chloro-3-methylphenol	12.228	107	566582	31.226	ng/ul	99
36) 2-Methylnaphthalene	12.604	142	1130413	29.842	ng/ul	98

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37) 1-Methylnaphthalene	12.822	142	1162229	30.379	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.969	216	742558	30.416	ng/ul	99
40) Hexachlorocyclopentadiene	12.946	237	370843	27.017	ng/ul	99
41) 2,4,6-Trichlorophenol	13.204	196	485826	30.040	ng/ul	98
42) 2,4,5-Trichlorophenol	13.275	196	543337	30.827	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	1629870	29.127	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1299355	29.350	ng/ul	99
45) 2-Nitroaniline	13.851	65	301144	35.734	ng/ul	99
47) Dimethylphthalate	14.216	163	1716490	29.906	ng/ul	100
48) 2,6-Dinitrotoluene	14.340	165	290673	35.536	ng/ul	96
50) Acenaphthylene	14.493	152	1988988	29.304	ng/ul	99
51) 3-Nitroaniline	14.669	138	298001	34.468	ng/ul	98
52) Acenaphthene	14.834	153	1384622	29.685	ng/ul	99
53) 2,4-Dinitrophenol	14.869	184	166042	26.136	ng/ul	98
55) 4-Nitrophenol	14.963	109	224221	29.954	ng/ul	97
56) Dibenzofuran	15.163	168	2072730	30.593	ng/ul	99
57) 2,4-Dinitrotoluene	15.122	165	471417	36.694	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.387	232	519692	31.373	ng/ul	99
59) Diethylphthalate	15.575	149	1688712	30.648	ng/ul	99
61) Fluorene	15.816	166	1701785	30.865	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	935630	31.147	ng/ul	97
63) 4-Nitroaniline	15.834	138	328718	40.606	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.887	198	309817	30.006	ng/ul	98
67) N-Nitrosodiphenylamine	16.016	169	1497979	29.977	ng/ul	100
68) 4-Bromophenyl-phenylether	16.704	248	626363	29.737	ng/ul	97
69) Hexachlorobenzene	16.822	284	737872	29.860	ng/ul	99
70) Atrazine	16.969	200	600375	29.852	ng/ul	99
71) Pentachlorophenol	17.163	266	466787	29.595	ng/ul	98
72) Phenanthrene	17.563	178	2972844	30.399	ng/ul	100
74) Anthracene	17.657	178	2983451	30.121	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.569	216	744044	28.210	ng/uL	99
76) Pentachlorobenzene	15.087	250	780757	28.875	ng/uL	100
77) Carbazole	17.916	167	2708892	31.525	ng/ul	100
78) Di-n-butylphthalate	18.451	149	3011877	29.665	ng/ul	100
80) Fluoranthene	19.516	202	3893670	28.778	ng/ul	99
82) Pyrene	19.869	202	4034211	29.164	ng/ul	98
83) Butylbenzylphthalate	20.722	149	1269127	31.933	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.504	252	1379285	29.178	ng/ul	99
85) Benzo(a)anthracene	21.586	228	4318313	30.180	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	2044565	30.006	ng/ul	99
87) Chrysene	21.639	228	4108580	30.499	ng/ul	99
89) Di-n-octyl phthalate	22.463	149	3590298	28.633	ng/ul	100
90) Benzo(b)fluoranthene	23.380	252	4743090	30.524	ng/ul	100
91) Benzo(k)fluoranthene	23.433	252	4473960	30.125	ng/ul	100
93) Benzo(a)pyrene	24.063	252	4111276	30.647	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.892	276	5264522	31.674	ng/ul	99
95) Dibenzo(a,h)anthracene	26.910	278	4359555	31.639	ng/ul	99
96) Benzo(g,h,i)perylene	27.733	276	4203381	31.967	ng/ul	99

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

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