

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020909.D
 Acq On : 11 Jul 2024 18:52
 Operator : MA/JU
 Sample : PB161883BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS883

Quant Time: Jul 11 23:46:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 07/12/2024

Supervised By :Mohammad
 ahmed
 07/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	200212	20.000	ng/u1	0.00
20) Naphthalene-d8	10.493	136	787608	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.351	164	495342	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.175	188	1052220	20.000	ng/u1	0.00
79) Chrysene-d12	21.627	240	1030977	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1251730	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23895	5.431	ng/uL	0.00
4) Pyridine-d5	3.675	84	312585	24.541	ng/u1	0.00
7) Phenol-d5	6.922	99	403696	24.732	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.064	67	241291	24.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.269	132	343853	25.568	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	319791	23.589	ng/u1	0.00
21) Nitrobenzene-d5	8.875	128	160055	26.164	ng/u1	0.00
24) 2-Nitrophenol-d4	9.587	143	187585	26.791	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	332730	26.280	ng/u1	0.01
31) 4-Chloroaniline-d4	10.640	131	398809	23.777	ng/u1	0.00
46) Dimethylphthalate-d6	13.763	166	947309	26.308	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1081128	26.739	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	151909	29.651	ng/u1	0.00
60) Fluorene-d10	15.363	176	803623	27.203	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	166778	26.196	ng/u1	0.00
73) Anthracene-d10	17.263	188	1255737	26.870	ng/u1	-0.01
81) Pyrene-d10	19.651	212	1520596	23.857	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.751	264	1683978	27.277	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	47193	9.753	ng/uL	95
5) Pyridine	3.693	79	308809	23.505	ng/u1	97
6) Benzaldehyde	6.893	77	232108	28.206	ng/u1	95
8) Phenol	6.952	94	403001	24.399	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.158	93	321729	23.579	ng/u1	99
12) 2-Chlorophenol	7.299	128	338424	25.108	ng/u1	98
13) 2-Methylphenol	8.175	108	298586	23.375	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.246	45	453626	23.012	ng/u1	98
16) Acetophenone	8.546	105	495851	23.698	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.522	70	244253	22.279	ng/u1	98
18) 4-Methylphenol	8.505	108	323603	23.647	ng/u1	97
19) Hexachloroethane	8.781	117	148131	24.456	ng/u1	99
22) Nitrobenzene	8.922	77	363246	24.788	ng/u1	99
23) Isophorone	9.440	82	673426	23.116	ng/u1	100
25) 2-Nitrophenol	9.622	139	189092	25.894	ng/u1	98
26) 2,4-Dimethylphenol	9.693	107	275247	19.115	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.905	93	414231	23.392	ng/u1	100
29) 2,4-Dichlorophenol	10.157	162	320924	25.720	ng/u1	98
30) Naphthalene	10.540	128	1030782	24.881	ng/u1	99
32) 4-Chloroaniline	10.663	127	340796	21.278	ng/u1	98
33) Hexachlorobutadiene	10.810	225	237407	25.375	ng/u1	97
34) Caprolactam	11.481	113	101319	26.359	ng/u1	95
35) 4-Chloro-3-methylphenol	11.804	107	344534	25.402	ng/u1	97
36) 2-Methylnaphthalene	12.151	142	697652	24.532	ng/u1	99

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	696045	23.798	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.522	216	420745	26.155	ng/ul	96
40) Hexachlorocyclopentadiene	12.487	237	113080	13.437	ng/ul	98
41) 2,4,6-Trichlorophenol	12.781	196	255310	25.117	ng/ul	97
42) 2,4,5-Trichlorophenol	12.857	196	277560	25.808	ng/ul	99
43) 1,1'-Biphenyl	13.175	154	910837	25.161	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	731273	25.304	ng/ul	100
45) 2-Nitroaniline	13.446	65	220001	27.528	ng/ul	99
47) Dimethylphthalate	13.810	163	922127	25.238	ng/ul	100
48) 2,6-Dinitrotoluene	13.940	165	192034	26.289	ng/ul	97
50) Acenaphthylene	14.075	152	1155838	25.248	ng/ul	99
51) 3-Nitroaniline	14.275	138	189817	29.862	ng/ul	95
52) Acenaphthene	14.416	153	761766	25.071	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	103822	27.064	ng/ul	98
55) 4-Nitrophenol	14.628	109	124589	29.895	ng/ul	95
56) Dibenzofuran	14.757	168	1067868	25.665	ng/ul	97
57) 2,4-Dinitrotoluene	14.745	165	284433	28.365	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.998	232	222775	24.190	ng/ul	98
59) Diethylphthalate	15.198	149	950233	26.024	ng/ul	100
61) Fluorene	15.422	166	874547	25.757	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.416	204	459818	24.957	ng/ul	98
63) 4-Nitroaniline	15.457	138	197108	37.444	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.522	198	173377	25.680	ng/ul	97
67) N-Nitrosodiphenylamine	15.645	169	767164	25.037	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	304187	24.664	ng/ul	97
69) Hexachlorobenzene	16.451	284	355377	25.130	ng/ul	96
70) Atrazine	16.628	200	152169	13.627	ng/ul	99
71) Pentachlorophenol	16.810	266	176739	23.012	ng/ul	96
72) Phenanthrene	17.210	178	1400826	25.663	ng/ul	99
74) Anthracene	17.304	178	1419333	25.506	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.134	216	407608	24.203	ng/ul	99
76) Pentachlorobenzene	14.675	250	401480	23.991	ng/ul	100
77) Carbazole	17.598	167	1311892	28.839	ng/ul	99
78) Di-n-butylphthalate	18.175	149	1711490	27.270	ng/ul	100
80) Fluoranthene	19.304	202	1725121	22.412	ng/ul	100
82) Pyrene	19.686	202	1833559	23.409	ng/ul	99
83) Butylbenzylphthalate	20.633	149	781593	23.949	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.533	252	601258	25.522	ng/ul	99
85) Benzo(a)anthracene	21.610	228	1847279	25.578	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1127935	24.016	ng/ul	100
87) Chrysene	21.680	228	1778212	26.498	ng/ul	99
89) Di-n-octyl phthalate	22.804	149	2663017m	32.205	ng/ul	
90) Benzo(b)fluoranthene	23.921	252	1932390	25.439	ng/ul	99
91) Benzo(k)fluoranthene	23.986	252	1940808	25.602	ng/ul	100
93) Benzo(a)pyrene	24.821	252	1706764	23.777	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.792	276	2386272	25.798	ng/ul	99
95) Dibenzo(a,h)anthracene	28.874	278	1971187	25.735	ng/ul	99
96) Benzo(g,h,i)perylene	29.968	276	1864728	24.754	ng/ul	98

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

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