Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP010423\
Data File : BP013388.D
Acq On : 04 Jan 2023 13:40
Operator : CG/JU
Sample : N5388-06
Misc : SFAM-MDL-MES-02-4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 05 04:06:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 05 04:02:47 2023
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT4-2022-08

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/05/2023
Supervised By :mohammad ahmed 01/05/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	490914	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	2032510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	1350079	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	3095565	20.000	ng/ul	0.00
79) Chrysene-d12	21.410	240	3313770	20.000	ng/ul	0.00
88) Perylene-d12	23.874	264	3418362	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	56280	4.902	ng/uL	0.00
4) Pyridine-d5	3.752	84	471025	14.442	ng/ul	0.00
7) Phenol-d5	7.087	99	744268	18.613	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	492756	20.428	ng/ul	0.00
11) 2-Chlorophenol-d4	7.458	132	592565	18.825	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	591127	18.042	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	276852	18.539	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	307516	18.291	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	592681	18.150	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	819998	17.787	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	1889097	18.206	ng/ul	0.00
49) Acenaphthylene-d8	14.263	160	2098683	18.407	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	308435	16.525	ng/ul	0.00
60) Fluorene-d10	15.563	176	1670748	19.033	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	307921	15.457	ng/ul	0.00
73) Anthracene-d10	17.428	188	2690100	19.262	ng/ul	0.00
81) Pyrene-d10	19.657	212	3361196	17.671	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.716	264	3228178	18.946	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	18703	1.560	ng/uL#	94
5) Pyridine	3.775	79	130946	4.040	ng/ul#	76
6) Benzaldehyde	7.063	77	86328	5.514	ng/ul	95
8) Phenol	7.116	94	197151	4.876	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.346	93	163972	4.941	ng/ul	94
12) 2-Chlorophenol	7.487	128	157340	4.874	ng/ul	91
13) 2-Methylphenol	8.369	108	133959	4.250	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.457	45	258118	5.669	ng/ul	96
16) Acetophenone	8.757	105	245258	4.882	ng/ul#	92
17) N-Nitroso-di-n-propyla...	8.734	70	119123	4.715	ng/ul	93
18) 4-Methylphenol	8.699	108	159299	4.563	ng/ul	100
19) Hexachloroethane	9.010	117	61498	4.768	ng/ul	97
22) Nitrobenzene	9.134	77	182659	5.213	ng/ul	92
23) Isophorone	9.663	82	309502	4.368	ng/ul	97
25) 2-Nitrophenol	9.852	139	86192	4.732	ng/ul#	88
26) 2,4-Dimethylphenol	9.904	107	171008	4.811	ng/ul	93
27) Bis(2-Chloroethoxy)met...	10.146	93	215671	4.760	ng/ul	96
29) 2,4-Dichlorophenol	10.381	162	153025	4.784	ng/ul	95
30) Naphthalene	10.787	128	529917	4.985	ng/ul	99
32) 4-Chloroaniline	10.899	127	212592	4.660	ng/ul	99
33) Hexachlorobutadiene	11.069	225	112584	5.126	ng/ul	97
34) Caprolactam	11.704	113	43018m	3.944	ng/ul	
35) 4-Chloro-3-methylphenol	12.022	107	140126	4.292	ng/ul	97
36) 2-Methylnaphthalene	12.393	142	346321	4.749	ng/ul	100

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	272420	3.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.763	216	212786	4.895	ng/ul	99
40) Hexachlorocyclopentadiene	12.734	237	104218	3.684	ng/ul	97
41) 2,4,6-Trichlorophenol	13.004	196	118991	4.259	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	129073	4.301	ng/ul	96
43) 1,1'-Biphenyl	13.398	154	487482	4.808	ng/ul	99
44) 2-Chloronaphthalene	13.445	162	382026	4.787	ng/ul	99
45) 2-Nitroaniline	13.651	65	80301	4.150	ng/ul	88
47) Dimethylphthalate	14.022	163	473451	4.604	ng/ul	99
48) 2,6-Dinitrotoluene	14.145	165	69323	3.627	ng/ul#	86
50) Acenaphthylene	14.292	152	585454	4.776	ng/ul	99
51) 3-Nitroaniline	14.481	138	68335	3.787	ng/ul#	91
52) Acenaphthene	14.634	153	406320	4.784	ng/ul	99
53) 2,4-Dinitrophenol	14.687	184	62218	4.763	ng/ul	91
55) 4-Nitrophenol	14.787	109	61039	4.793	ng/ul	90
56) Dibenzofuran	14.969	168	600111	4.969	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	109211	3.934	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.198	232	115984	4.235	ng/ul	97
59) Diethylphthalate	15.387	149	437537	4.377	ng/ul	99
61) Fluorene	15.616	166	480115	4.957	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.610	204	255027	4.979	ng/ul	99
63) 4-Nitroaniline	15.639	138	70890m	4.464	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.698	198	102667	5.274	ng/ul#	88
67) N-Nitrosodiphenylamine	15.828	169	391350	4.560	ng/ul	99
68) 4-Bromophenyl-phenylether	16.510	248	148201	4.408	ng/ul	99
69) Hexachlorobenzene	16.628	284	184668	4.626	ng/ul	98
70) Atrazine	16.781	200	122676	3.668	ng/ul	98
71) Pentachlorophenol	16.975	266	104058	4.305	ng/ul	97
72) Phenanthrene	17.369	178	790139	4.901	ng/ul	99
74) Anthracene	17.457	178	777412	4.829	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.369	216	170112	3.852	ng/uL	97
76) Pentachlorobenzene	14.887	250	162479	3.608	ng/uL	100
77) Carbazole	17.733	167	650498	4.798	ng/ul	99
78) Di-n-butylphthalate	18.269	149	629943	3.816	ng/ul	99
80) Fluoranthene	19.333	202	941096	4.359	ng/ul	99
82) Pyrene	19.686	202	1045087	4.693	ng/ul	99
83) Butylbenzylphthalate	20.551	149	271995	3.162	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.327	252	350877	4.687	ng/ul	100
85) Benzo(a)anthracene	21.392	228	1022129	4.646	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.304	149	406209	3.347	ng/ul	98
87) Chrysene	21.451	228	1013662	4.873	ng/ul	99
89) Di-n-octyl phthalate	22.251	149	654676	3.419	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1049208	4.813	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	968778	4.482	ng/ul	98
93) Benzo(a)pyrene	23.763	252	925264	4.875	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.445	276	1034474	4.376	ng/ul	99
95) Dibenzo(a,h)anthracene	26.457	278	865012	4.419	ng/ul	99
96) Benzo(g,h,i)perylene	27.233	276	841536	4.434	ng/ul	98

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

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