Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP123022\
Data File : BP013369.D
Acq On : 30 Dec 2022 13:24
Operator : CG/JU
Sample : N5388-03
Misc : SFAM-MDL-S-01-4NG
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Dec 30 23:36:38 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120722.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 28 00:16:35 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2022-07

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay
01/03/2023
Supervised By :Yogesh Patel
01/03/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	394563	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	1725512	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	1247961	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	2917744	20.000	ng/ul	0.00
79) Chrysene-d12	21.421	240	2630955	20.000	ng/ul	0.00
88) Perylene-d12	23.886	264	2208095	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	48243	5.228	ng/uL	0.00
4) Pyridine-d5	3.746	84	505138	19.270	ng/ul	0.00
7) Phenol-d5	7.093	99	590972	18.389	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.257	67	408621	21.077	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	473755	18.726	ng/ul	0.00
15) 4-Methylphenol-d8	8.640	113	491361	18.659	ng/ul	0.00
21) Nitrobenzene-d5	9.099	128	238519	18.814	ng/ul	0.00
24) 2-Nitrophenol-d4	9.822	143	264290	18.517	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	508049	18.326	ng/ul	0.00
31) 4-Chloroaniline-d4	10.881	131	730622	18.668	ng/ul	0.00
46) Dimethylphthalate-d6	13.981	166	1856637	19.358	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1975731	18.747	ng/ul	0.00
54) 4-Nitrophenol-d4	14.775	143	264614	15.338	ng/ul	0.00
60) Fluorene-d10	15.569	176	1612827	19.877	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	272135	14.494	ng/ul	0.00
73) Anthracene-d10	17.433	188	2580178	19.601	ng/ul	0.00
81) Pyrene-d10	19.663	212	3061883	20.275	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	2144648	19.486	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.358	88	12651	1.313	ng/uL#	84
5) Pyridine	3.775	79	103364	3.967	ng/ul#	71
6) Benzaldehyde	7.069	77	83180	6.610	ng/ul	97
8) Phenol	7.116	94	120019	3.694	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.352	93	105331	3.949	ng/ul	92
12) 2-Chlorophenol	7.493	128	97061	3.741	ng/ul	95
13) 2-Methylphenol	8.375	108	84431	3.333	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.463	45	165398	4.519	ng/ul	100
16) Acetophenone	8.763	105	158984	3.938	ng/ul#	91
17) N-Nitroso-di-n-propyla...	8.740	70	82603	4.068	ng/ul#	93
18) 4-Methylphenol	8.704	108	102091	3.638	ng/ul	92
19) Hexachloroethane	9.010	117	39286	3.789	ng/ul	95
22) Nitrobenzene	9.140	77	124147	4.173	ng/ul	93
23) Isophorone	9.669	82	216711	3.603	ng/ul	98
25) 2-Nitrophenol	9.857	139	56591	3.659	ng/ul	91
26) 2,4-Dimethylphenol	9.916	107	111369	3.691	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.151	93	149443	3.885	ng/ul	98
29) 2,4-Dichlorophenol	10.393	162	102423	3.772	ng/ul	98
30) Naphthalene	10.793	128	351854	3.899	ng/ul	98
32) 4-Chloroaniline	10.910	127	145319	3.752	ng/ul	98
33) Hexachlorobutadiene	11.075	225	75794	4.065	ng/ul	96
34) Caprolactam	11.710	113	26299m	2.840	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	96722	3.490	ng/ul	97
36) 2-Methylnaphthalene	12.398	142	235660	3.807	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.622	142	247124	3.881	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	154562	3.846	ng/ul	98
40) Hexachlorocyclopentadiene	12.745	237	63263	2.419	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	80358	3.112	ng/ul	97
42) 2,4,5-Trichlorophenol	13.081	196	91169	3.287	ng/ul	98
43) 1,1'-Biphenyl	13.410	154	345389	3.685	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	272874	3.699	ng/ul	99
45) 2-Nitroaniline	13.663	65	56759	3.174	ng/ul	87
47) Dimethylphthalate	14.028	163	360530	3.793	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	52345	2.963	ng/ul	92
50) Acenaphthylene	14.298	152	422810	3.732	ng/ul	99
51) 3-Nitroaniline	14.487	138	49215	2.950	ng/ul	95
52) Acenaphthene	14.639	153	296243	3.773	ng/ul	100
53) 2,4-Dinitrophenol	14.698	184	20155	1.669	ng/ul	87
55) 4-Nitrophenol	14.792	109	42071	3.574	ng/ul	88
56) Dibenzofuran	14.975	168	440182	3.943	ng/ul	98
57) 2,4-Dinitrotoluene	14.945	165	79786	3.109	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.204	232	83394	3.294	ng/ul	95
59) Diethylphthalate	15.392	149	328836	3.558	ng/ul	100
61) Fluorene	15.628	166	351370	3.925	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.616	204	196011	4.140	ng/ul	99
63) 4-Nitroaniline	15.651	138	53545m	3.648	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.704	198	55963	3.050	ng/ul#	72
67) N-Nitrosodiphenylamine	15.834	169	284275	3.514	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	113853	3.593	ng/ul	97
69) Hexachlorobenzene	16.633	284	139863	3.717	ng/ul	97
70) Atrazine	16.786	200	97405	3.090	ng/ul	99
71) Pentachlorophenol	16.980	266	54832	2.407	ng/ul	97
72) Phenanthrene	17.375	178	583556	3.840	ng/ul	100
74) Anthracene	17.469	178	579523	3.819	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.375	216	161943	3.890	ng/uL	99
76) Pentachlorobenzene	14.892	250	157998	3.723	ng/uL	99
77) Carbazole	17.739	167	451039	3.529	ng/ul	99
78) Di-n-butylphthalate	18.280	149	468844	3.013	ng/ul	99
80) Fluoranthene	19.339	202	662897	3.868	ng/ul	99
82) Pyrene	19.692	202	731098	4.135	ng/ul	99
83) Butylbenzylphthalate	20.557	149	186869	2.736	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.333	252	166607	2.803	ng/ul	97
85) Benzo(a)anthracene	21.404	228	648746	3.714	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.310	149	262147	2.721	ng/ul	99
87) Chrysene	21.457	228	628987	3.808	ng/ul	99
89) Di-n-octyl phthalate	22.257	149	379810	3.070	ng/ul	100
90) Benzo(b)fluoranthene	23.127	252	543076	3.857	ng/ul	99
91) Benzo(k)fluoranthene	23.180	252	539595	3.865	ng/ul	99
93) Benzo(a)pyrene	23.774	252	456757	3.726	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.462	276	499521	3.271	ng/ul	97
95) Dibenzo(a,h)anthracene	26.474	278	413803	3.273	ng/ul	98
96) Benzo(g,h,i)perylene	27.251	276	411930	3.360	ng/ul	97

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

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