Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081321\
Data File : BP006672.D
Acq On : 13 Aug 2021 13:58
Operator : CG/JU
Sample : M2250-03
Misc : SFAM-MDL-SOIL-01
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-QT3-2021-05

Quant Time: Aug 13 13:48:06 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 13 10:35:04 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	139113	20.000	ng/ul	0.00
20) Naphthalene-d8	10.493	136	600825	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	353204	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	705529	20.000	ng/ul	0.00
79) Chrysene-d12	21.216	240	708755	20.000	ng/ul	0.00
88) Perylene-d12	23.533	264	740843	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	20151	4.899	ng/uL	0.00
4) Pyridine-d5	3.622	84	207100	17.516	ng/ul	0.00
7) Phenol-d5	6.887	99	312284	22.330	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	214787	24.991	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	250587	24.059	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	241279	21.596	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	122223	23.965	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	124434	23.317	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	206854	22.942	ng/ul	0.00
31) 4-Chloroaniline-d4	10.640	131	318810	21.754	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	668981	24.698	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	815103	24.533	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	118096	20.873	ng/ul	0.00
60) Fluorene-d10	15.345	176	546733	24.818	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	88556	18.989	ng/ul	0.00
73) Anthracene-d10	17.204	188	820122	24.568	ng/ul	0.00
81) Pyrene-d10	19.457	212	884954	23.777	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.386	264	1019682	25.524	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	4798	1.148	ng/uL#	92
5) Pyridine	3.646	79	49087	4.010	ng/ul#	77
6) Benzaldehyde	6.858	77	40164	5.841	ng/ul	97
8) Phenol	6.910	94	57371	4.017	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.146	93	45866	4.166	ng/ul	96
12) 2-Chlorophenol	7.269	128	44869	4.272	ng/ul	99
13) 2-Methylphenol	8.157	108	41013	3.903	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.234	45	54272	4.219	ng/ul	97
16) Acetophenone	8.534	105	74299	4.224	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.522	70	38808	4.102	ng/ul	96
18) 4-Methylphenol	8.487	108	43269	3.787	ng/ul	95
19) Hexachloroethane	8.775	117	20877	4.568	ng/ul	99
22) Nitrobenzene	8.904	77	58556	4.385	ng/ul	99
23) Isophorone	9.434	82	102866	4.131	ng/ul	99
25) 2-Nitrophenol	9.616	139	22860	4.061	ng/ul	97
26) 2,4-Dimethylphenol	9.681	107	50089	4.142	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.922	93	61614	4.269	ng/ul	97
29) 2,4-Dichlorophenol	10.140	162	37105	4.242	ng/ul	88
30) Naphthalene	10.540	128	141033	4.325	ng/ul	99
32) 4-Chloroaniline	10.663	127	59747	4.155	ng/ul	98
33) Hexachlorobutadiene	10.822	225	23091	4.477	ng/ul	97
34) Caprolactam	11.469	113	11945	3.411	ng/ul	94
35) 4-Chloro-3-methylphenol	11.793	107	42910	3.835	ng/ul	98
36) 2-Methylnaphthalene	12.157	142	94575	4.221	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	94076	4.219	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.528	216	42063	4.419	ng/ul	98
40) Hexachlorocyclopentadiene	12.504	237	21906	3.508	ng/ul	91
41) 2,4,6-Trichlorophenol	12.775	196	26222	4.011	ng/ul	98
42) 2,4,5-Trichlorophenol	12.845	196	26769	3.846	ng/ul	98
43) 1,1'-Biphenyl	13.181	154	117383	4.275	ng/ul	98
44) 2-Chloronaphthalene	13.216	162	88561	4.251	ng/ul	99
45) 2-Nitroaniline	13.434	65	25374	3.378	ng/ul	96
47) Dimethylphthalate	13.816	163	117051	4.369	ng/ul	98
48) 2,6-Dinitrotoluene	13.940	165	16752	3.240	ng/ul	98
50) Acenaphthylene	14.069	152	143687	4.424	ng/ul	99
51) 3-Nitroaniline	14.269	138	19964	3.371	ng/ul#	98
52) Acenaphthene	14.410	153	98850	4.268	ng/ul	97
53) 2,4-Dinitrophenol	14.475	184	11183	3.344	ng/ul	98
55) 4-Nitrophenol	14.575	109	21090	4.157	ng/ul	88
56) Dibenzofuran	14.751	168	132779	4.288	ng/ul	98
57) 2,4-Dinitrotoluene	14.728	165	26579	3.494	ng/ul#	92
58) 2,3,4,6-Tetrachlorophenol	14.981	232	22294	3.859	ng/ul	91
59) Diethylphthalate	15.187	149	121487	4.266	ng/ul	98
61) Fluorene	15.404	166	111610	4.323	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.404	204	50400	4.312	ng/ul	97
63) 4-Nitroaniline	15.428	138	20972	3.782	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.486	198	16677	3.577	ng/ul#	76
67) N-Nitrosodiphenylamine	15.622	169	94709	4.370	ng/ul	99
68) 4-Bromophenyl-phenylether	16.298	248	28505	4.097	ng/ul	97
69) Hexachlorobenzene	16.404	284	34153	4.343	ng/ul	97
70) Atrazine	16.581	200	27773	3.613	ng/ul	98
71) Pentachlorophenol	16.757	266	17570	3.411	ng/ul	93
72) Phenanthrene	17.145	178	172218	4.321	ng/ul	99
74) Anthracene	17.239	178	175868	4.345	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	40299	4.201	ng/uL	98
76) Pentachlorobenzene	14.669	250	38958	4.121	ng/uL	97
77) Carbazole	17.516	167	157878	4.176	ng/ul	99
78) Di-n-butylphthalate	18.086	149	187086	3.828	ng/ul	99
80) Fluoranthene	19.127	202	184997	3.955	ng/ul	100
82) Pyrene	19.480	202	204782	4.238	ng/ul	98
83) Butylbenzylphthalate	20.374	149	84038	3.518	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.139	252	53804	3.327	ng/ul	99
85) Benzo(a)anthracene	21.198	228	196606	4.259	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.145	149	138805	3.771	ng/ul	97
87) Chrysene	21.251	228	190799	4.287	ng/ul	98
89) Di-n-octyl phthalate	22.045	149	233612	3.648	ng/ul	100
90) Benzo(b)fluoranthene	22.827	252	203646	4.232	ng/ul	98
91) Benzo(k)fluoranthene	22.874	252	199361	4.279	ng/ul	99
93) Benzo(a)pyrene	23.433	252	180470	4.140	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.915	276	236130	4.142	ng/ul	99
95) Dibenzo(a,h)anthracene	25.939	278	200670	4.191	ng/ul	99
96) Benzo(g,h,i)perylene	26.651	276	198356	4.191	ng/ul	98

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

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