Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091321\
Data File : BP006965.D
Acq On : 13 Sep 2021 17:58
Operator : CG/JU
Sample : M3263-03
Misc : SFAM-MDL-SOIL-4PPM
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 13 18:37:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP090821.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 13 14:04:43 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT4-2021-07

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	413448	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	1796449	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	1242965	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	2543005	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.380	240	2317048	20.000	ng/ul	# 0.00
88) Perylene-d12	23.804	264	2196662	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	56644	5.452	ng/uL	0.00
4) Pyridine-d5	3.770	84	546438	20.183	ng/ul	0.00
7) Phenol-d5	7.081	99	920503	30.292	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.252	67	566682	32.471	ng/ul	0.00
11) 2-Chlorophenol-d4	7.452	132	766372	31.240	ng/ul	0.00
15) 4-Methylphenol-d8	8.622	113	761318	31.904	ng/ul	0.00
21) Nitrobenzene-d5	9.081	128	369633	33.970	ng/ul	0.00
24) 2-Nitrophenol-d4	9.805	143	391549	36.550	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	762256	30.176	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	1086363	31.099	ng/ul	0.00
46) Dimethylphthalate-d6	13.963	166	2477872	30.779	ng/ul	0.00
49) Acenaphthylene-d8	14.240	160	2889212	28.337	ng/ul	0.00
54) 4-Nitrophenol-d4	14.734	143	428218	30.618	ng/ul	0.00
60) Fluorene-d10	15.540	176	2125462	29.915	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	342108	30.411	ng/ul	0.00
73) Anthracene-d10	17.398	188	3226581	30.647	ng/ul	0.00
81) Pyrene-d10	19.628	212	3470357	31.981	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.645	264	3343525	31.551	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.387	88	10559	0.913	ng/uL#	91
5) Pyridine	3.793	79	105765	3.894	ng/ul#	53
6) Benzaldehyde	7.058	77	83629	4.319	ng/ul	90
8) Phenol	7.105	94	127581	4.062	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.346	93	109056	4.336	ng/ul	97
12) 2-Chlorophenol	7.481	128	105061	4.174	ng/ul	94
13) 2-Methylphenol	8.363	108	89184	3.739	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.452	45	128654	4.429	ng/ul	97
16) Acetophenone	8.746	105	166800	4.558	ng/ul	92
17) N-Nitroso-di-n-propyla...	8.734	70	76942	4.513	ng/ul#	94
18) 4-Methylphenol	8.687	108	106407	4.159	ng/ul	97
19) Hexachloroethane	9.005	117	40565	3.958	ng/ul	90
22) Nitrobenzene	9.122	77	116541	4.426	ng/ul#	89
23) Isophorone	9.652	82	213417	4.081	ng/ul	95
25) 2-Nitrophenol	9.834	139	56072	4.683	ng/ul	87
26) 2,4-Dimethylphenol	9.893	107	114611	3.951	ng/ul	91
27) Bis(2-Chloroethoxy)met...	10.134	93	147178	4.251	ng/ul	97
29) 2,4-Dichlorophenol	10.363	162	102640	4.103	ng/ul	90
30) Naphthalene	10.775	128	348999	4.005	ng/ul	99
32) 4-Chloroaniline	10.881	127	149142	4.192	ng/ul	100
33) Hexachlorobutadiene	11.063	225	64856	3.758	ng/ul	95
34) Caprolactam	11.693	113	29406m	3.944	ng/ul	
35) 4-Chloro-3-methylphenol	11.999	107	98458	3.880	ng/ul	89
36) 2-Methylnaphthalene	12.381	142	246588	4.221	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.599	142	247660	4.155	ng/ul	99
39)	1,2,4,5-Tetrachloroben...	12.746	216	134962	3.792	ng/ul#	93
40)	Hexachlorocyclopentadiene	12.728	237	102345	4.455	ng/ul	99
41)	2,4,6-Trichlorophenol	12.981	196	75920	3.685	ng/ul	97
42)	2,4,5-Trichlorophenol	13.051	196	81660	3.556	ng/ul	99
43)	1,1'-Biphenyl	13.387	154	340814	3.938	ng/ul	98
44)	2-Chloronaphthalene	13.428	162	256689	3.847	ng/ul	92
45)	2-Nitroaniline	13.628	65	49306	3.636	ng/ul	90
47)	Dimethylphthalate	14.004	163	329833	4.062	ng/ul	98
48)	2,6-Dinitrotoluene	14.122	165	46436	3.425	ng/ul	86
50)	Acenaphthylene	14.269	152	403925	3.818	ng/ul	99
51)	3-Nitroaniline	14.451	138	50201m	3.230	ng/ul	
52)	Acenaphthene	14.610	153	278024	3.969	ng/ul	97
53)	2,4-Dinitrophenol	14.657	184	31614	4.150	ng/ul#	67
55)	4-Nitrophenol	14.745	109	41749	4.061	ng/ul#	78
56)	Dibenzofuran	14.945	168	401956	3.976	ng/ul	89
57)	2,4-Dinitrotoluene	14.904	165	72179	3.725	ng/ul#	79
58)	2,3,4,6-Tetrachlorophenol	15.169	232	66797m	3.610	ng/ul	
59)	Diethylphthalate	15.369	149	304939	3.857	ng/ul#	93
61)	Fluorene	15.592	166	327186	4.061	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.587	204	164785	4.012	ng/ul#	81
63)	4-Nitroaniline	15.610	138	53459m	3.445	ng/ul	
66)	4,6-Dinitro-2-methylph...	15.669	198	47893	4.181	ng/ul#	83
67)	N-Nitrosodiphenylamine	15.804	169	272114	4.063	ng/ul	98
68)	4-Bromophenyl-phenylether	16.487	248	92314m	3.840	ng/ul	
69)	Hexachlorobenzene	16.604	284	105710	3.792	ng/ul#	84
70)	Atrazine	16.757	200	85880	3.386	ng/ul	93
71)	Pentachlorophenol	16.945	266	62130	3.891	ng/ul	98
72)	Phenanthrene	17.339	178	508860	4.017	ng/ul	99
74)	Anthracene	17.434	178	508401	4.038	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.351	216	131584	3.692	ng/uL	99
76)	Pentachlorobenzene	14.863	250	130825	3.792	ng/uL	100
77)	Carbazole	17.698	167	417244	3.728	ng/ul	96
78)	Di-n-butylphthalate	18.257	149	449490	3.544	ng/ul	98
80)	Fluoranthene	19.304	202	551988	4.090	ng/ul#	92
82)	Pyrene	19.657	202	599789	4.333	ng/ul#	92
83)	Butylbenzylphthalate	20.528	149	175027	3.631	ng/ul	89
84)	3,3'-Dichlorobenzidine	21.292	252	194185	4.039	ng/ul	97
85)	Benzo(a)anthracene	21.363	228	536141	3.974	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.292	149	264232	3.677	ng/ul#	95
87)	Chrysene	21.416	228	529214	3.964	ng/ul	98
89)	Di-n-octyl phthalate	22.222	149	402336	3.544	ng/ul	100
90)	Benzo(b)fluoranthene	23.057	252	494176	3.845	ng/ul	98
91)	Benzo(k)fluoranthene	23.104	252	501065	4.165	ng/ul	98
93)	Benzo(a)pyrene	23.692	252	470717	3.806	ng/ul	97
94)	Indeno(1,2,3-cd)pyrene	26.333	276	498416	3.474	ng/ul	97
95)	Dibenzo(a,h)anthracene	26.357	278	428076	3.449	ng/ul	96
96)	Benzo(g,h,i)perylene	27.110	276	405529	3.296	ng/ul#	94

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

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