Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081621\
Data File : BP006683.D
Acq On : 16 Aug 2021 14:29
Operator : CG/JU
Sample : M2250-06
Misc : SFAM-MED-SOIL-02
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT3-2021-06

Manual Integrations APPROVED
mohammad
8/17/2021 1:21:28 PM

Quant Time: Aug 16 14:20:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP081021.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 16 11:01:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	161138	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	688060	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	401762	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.104	188	811291	20.000	ng/ul	0.00
79) Chrysene-d12	21.210	240	806377	20.000	ng/ul	0.00
88) Perylene-d12	23.521	264	838417	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.216	96	23926	5.022	ng/uL	0.00
4) Pyridine-d5	3.622	84	239137	17.461	ng/ul	0.00
7) Phenol-d5	6.887	99	359470	22.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.052	67	243210	24.430	ng/ul	0.00
11) 2-Chlorophenol-d4	7.240	132	285123	23.633	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	278128	21.491	ng/ul	0.00
21) Nitrobenzene-d5	8.863	128	139991	23.968	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	140346	22.964	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	237934	23.043	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	368958	21.984	ng/ul	0.00
46) Dimethylphthalate-d6	13.769	166	754510	24.488	ng/ul	0.00
49) Acenaphthylene-d8	14.039	160	938866	24.843	ng/ul	0.00
54) 4-Nitrophenol-d4	14.563	143	136417	21.197	ng/ul	0.00
60) Fluorene-d10	15.345	176	625603	24.966	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	100246	18.694	ng/ul	0.00
73) Anthracene-d10	17.204	188	943792	24.587	ng/ul	0.00
81) Pyrene-d10	19.451	212	1019460	24.074	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.374	264	1146391	25.356	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	6072	1.254	ng/uL	97
5) Pyridine	3.646	79	60417	4.261	ng/ul#	84
6) Benzaldehyde	6.857	77	48136	6.044	ng/ul	97
8) Phenol	6.910	94	69410	4.196	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.146	93	54895	4.305	ng/ul	91
12) 2-Chlorophenol	7.269	128	54463	4.477	ng/ul	98
13) 2-Methylphenol	8.157	108	49666	4.080	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.240	45	65279	4.381	ng/ul	97
16) Acetophenone	8.534	105	89597	4.398	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.516	70	46661	4.258	ng/ul	99
18) 4-Methylphenol	8.481	108	53366	4.033	ng/ul	96
19) Hexachloroethane	8.769	117	25091	4.740	ng/ul	93
22) Nitrobenzene	8.904	77	71358	4.667	ng/ul	99
23) Isophorone	9.434	82	125625	4.406	ng/ul	98
25) 2-Nitrophenol	9.610	139	28613	4.439	ng/ul	98
26) 2,4-Dimethylphenol	9.681	107	61188	4.419	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.922	93	74418	4.502	ng/ul	100
29) 2,4-Dichlorophenol	10.140	162	45059	4.498	ng/ul	98
30) Naphthalene	10.540	128	174528	4.674	ng/ul	100
32) 4-Chloroaniline	10.663	127	72593	4.408	ng/ul	99
33) Hexachlorobutadiene	10.822	225	28697	4.859	ng/ul	96
34) Caprolactam	11.475	113	14898m	3.715	ng/ul	
35) 4-Chloro-3-methylphenol	11.792	107	52365	4.086	ng/ul	99
36) 2-Methylnaphthalene	12.157	142	117036	4.561	ng/ul	95

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	114283	4.475	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.528	216	50891	4.700	ng/ul	98
40) Hexachlorocyclopentadiene	12.504	237	25321	3.565	ng/ul	92
41) 2,4,6-Trichlorophenol	12.775	196	30914	4.158	ng/ul	100
42) 2,4,5-Trichlorophenol	12.845	196	33366	4.215	ng/ul	99
43) 1,1'-Biphenyl	13.181	154	144237	4.618	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	109409	4.617	ng/ul	99
45) 2-Nitroaniline	13.434	65	31461	3.682	ng/ul	97
47) Dimethylphthalate	13.816	163	142191	4.666	ng/ul	98
48) 2,6-Dinitrotoluene	13.934	165	20226	3.439	ng/ul	90
50) Acenaphthylene	14.069	152	177950	4.817	ng/ul	99
51) 3-Nitroaniline	14.263	138	24665	3.662	ng/ul	92
52) Acenaphthene	14.410	153	122678	4.657	ng/ul	99
53) 2,4-Dinitrophenol	14.475	184	14851	3.904	ng/ul	91
55) 4-Nitrophenol	14.575	109	25398	4.401	ng/ul	89
56) Dibenzofuran	14.745	168	166423	4.725	ng/ul	99
57) 2,4-Dinitrotoluene	14.728	165	34317	3.966	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.975	232	28930	4.402	ng/ul	97
59) Diethylphthalate	15.186	149	144488	4.461	ng/ul	100
61) Fluorene	15.398	166	136070	4.633	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.398	204	62842	4.727	ng/ul	99
63) 4-Nitroaniline	15.428	138	25496	4.042	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.486	198	20146	3.758	ng/ul#	91
67) N-Nitrosodiphenylamine	15.616	169	115940	4.652	ng/ul	98
68) 4-Bromophenyl-phenylether	16.298	248	34715	4.339	ng/ul	99
69) Hexachlorobenzene	16.404	284	42632	4.715	ng/ul	96
70) Atrazine	16.580	200	33037	3.737	ng/ul	99
71) Pentachlorophenol	16.751	266	20838	3.518	ng/ul	96
72) Phenanthrene	17.145	178	215115	4.694	ng/ul	99
74) Anthracene	17.239	178	218914	4.704	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.139	216	50554	4.582	ng/uL	99
76) Pentachlorobenzene	14.663	250	48559	4.467	ng/uL	97
77) Carbazole	17.516	167	196039	4.510	ng/ul	98
78) Di-n-butylphthalate	18.086	149	224298	3.991	ng/ul	99
80) Fluoranthene	19.127	202	230728	4.335	ng/ul	99
82) Pyrene	19.480	202	252853	4.600	ng/ul	99
83) Butylbenzylphthalate	20.374	149	97744	3.596	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.133	252	78577	4.270	ng/ul	100
85) Benzo(a)anthracene	21.192	228	240903	4.587	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.139	149	156265	3.731	ng/ul	99
87) Chrysene	21.245	228	229972	4.541	ng/ul	99
89) Di-n-octyl phthalate	22.033	149	265458	3.663	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	252733	4.640	ng/ul	99
91) Benzo(k)fluoranthene	22.862	252	235199	4.460	ng/ul	98
93) Benzo(a)pyrene	23.421	252	218007	4.419	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.903	276	289820	4.492	ng/ul	98
95) Dibenzo(a,h)anthracene	25.927	278	246596	4.551	ng/ul	100
96) Benzo(g,h,i)perylene	26.633	276	239931	4.479	ng/ul	99

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

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