Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012621\
Data File : BP004629.D
Acq On : 26 Jan 2021 11:41
Operator : CG/JU
Sample : L5214-04
Misc : SFAM-MDL-S-02
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-QT1-2021-02

Manual Integrations APPROVED
mohammad
1/27/2021 1:15:54 PM

Quant Time: Jan 26 12:10:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 26 10:01:06 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	41010	20.00	ng/ul	0.00
20) Naphthalene-d8	10.587	136	144498	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.439	164	122494	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.192	188	302237	20.00	ng/ul	0.00
79) Chrysene-d12	21.274	240	332384	20.00	ng/ul	0.00
88) Perylene-d12	23.598	264	307618	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	3169	3.74	ng/uL	0.00
4) Pyridine-d5	3.687	84	45836	20.03	ng/ul	0.00
7) Phenol-d5	6.957	99	114118	35.66	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	69897	39.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	84223	34.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.493	113	91697	34.83	ng/ul	0.00
21) Nitrobenzene-d5	8.946	128	41459	36.29	ng/ul	0.00
24) 2-Nitrophenol-d4	9.669	143	50666	33.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	110825	34.86	ng/ul	0.00
31) 4-Chloroaniline-d4	10.722	131	118110	34.81	ng/ul	0.00
46) Dimethylphthalate-d6	13.851	166	381766	36.65	ng/ul	0.00
49) Acenaphthylene-d8	14.128	160	448171	37.69	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	51631	32.44	ng/ul	0.00
60) Fluorene-d10	15.434	176	336746	36.58	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.545	200	69557	31.75	ng/ul	0.00
73) Anthracene-d10	17.292	188	551668	36.31	ng/ul	0.00
81) Pyrene-d10	19.533	212	674087	35.77	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.451	264	617635	36.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	1233	1.39	ng/uL	92
5) Pyridine	3.711	79	9925	4.30	ng/ul#	47
6) Benzaldehyde	6.940	77	7537	4.96	ng/ul	94
8) Phenol	6.981	94	13943	4.29	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.222	93	10974	4.45	ng/ul	97
12) 2-Chlorophenol	7.357	128	10007	4.11	ng/ul	92
13) 2-Methylphenol	8.234	108	10303	4.02	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.328	45	10875	4.37	ng/ul	98
16) Acetophenone	8.616	105	16825	3.88	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.599	70	9188	4.00	ng/ul#	92
18) 4-Methylphenol	8.557	108	10676	3.87	ng/ul	86
19) Hexachloroethane	8.875	117	4798	3.84	ng/ul	90
22) Nitrobenzene	8.987	77	15712	4.57	ng/ul	94
23) Isophorone	9.516	82	25025	4.00	ng/ul	98
25) 2-Nitrophenol	9.699	139	5921	4.04	ng/ul	98
26) 2,4-Dimethylphenol	9.763	107	13480	4.14	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.004	93	13697	4.29	ng/ul	98
29) 2,4-Dichlorophenol	10.234	162	12675	4.22	ng/ul	98
30) Naphthalene	10.640	128	34058	4.27	ng/ul	99
32) 4-Chloroaniline	10.746	127	13590	4.09	ng/ul#	79
33) Hexachlorobutadiene	10.928	225	11789	4.46	ng/ul	91
34) Caprolactam	11.551	113	2941m	3.56	ng/ul	
35) 4-Chloro-3-methylphenol	11.875	107	11876	4.02	ng/ul	91
36) 2-Methylnaphthalene	12.257	142	26779	4.21	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	26330	4.31	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.622	216	20792	4.24	ng/ul	99
40) Hexachlorocyclopentadiene	12.604	237	17517	4.66	ng/ul	95
41) 2,4,6-Trichlorophenol	12.863	196	11869	3.92	ng/ul	100
42) 2,4,5-Trichlorophenol	12.928	196	13030	4.11	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	39520	4.14	ng/ul	99
44) 2-Chloronaphthalene	13.310	162	32535	4.11	ng/ul	95
45) 2-Nitroaniline	13.510	65	7452	3.43	ng/ul	87
47) Dimethylphthalate	13.898	163	44699	4.29	ng/ul	97
48) 2,6-Dinitrotoluene	14.016	165	7129	3.36	ng/ul	94
50) Acenaphthylene	14.157	152	46760	4.15	ng/ul	96
51) 3-Nitroaniline	14.339	138	5326	3.79	ng/ul	89
52) Acenaphthene	14.504	153	32489	4.03	ng/ul	100
53) 2,4-Dinitrophenol	14.539	184	5722	3.98	ng/ul	95
55) 4-Nitrophenol	14.645	109	7886	3.98	ng/ul	92
56) Dibenzofuran	14.839	168	50963	4.18	ng/ul	99
57) 2,4-Dinitrotoluene	14.798	165	10798	3.63	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.063	232	12733	4.02	ng/ul	95
59) Diethylphthalate	15.269	149	39850	3.93	ng/ul	94
61) Fluorene	15.492	166	41780	4.07	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.486	204	25261	4.18	ng/ul	98
63) 4-Nitroaniline	15.498	138	5438	3.94	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.557	198	8456	3.68	ng/ul#	78
67) N-Nitrosodiphenylamine	15.704	169	35563	3.92	ng/ul	97
68) 4-Bromophenyl-phenylether	16.386	248	16813	3.98	ng/ul	89
69) Hexachlorobenzene	16.492	284	19606	4.14	ng/ul	99
70) Atrazine	16.657	200	15350	3.67	ng/ul	97
71) Pentachlorophenol	16.839	266	10702	3.52	ng/ul	96
72) Phenanthrene	17.233	178	71619	4.10	ng/ul	98
74) Anthracene	17.328	178	72529	4.06	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.228	216	20379	4.10	ng/uL	96
76) Pentachlorobenzene	14.757	250	22463	4.13	ng/uL	94
77) Carbazole	17.598	167	58968	3.98	ng/ul	98
78) Di-n-butylphthalate	18.163	149	63304	3.58	ng/ul	99
80) Fluoranthene	19.204	202	89687	3.73	ng/ul	99
82) Pyrene	19.557	202	94634	3.91	ng/ul#	98
83) Butylbenzylphthalate	20.439	149	27136	3.41	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.192	252	25080	3.02	ng/ul	86
85) Benzo(a)anthracene	21.263	228	92553	4.08	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.204	149	40603	3.55	ng/ul	96
87) Chrysene	21.310	228	88989	4.13	ng/ul	98
89) Di-n-octyl phthalate	22.104	149	64964	3.75	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	91519	4.43	ng/ul	99
91) Benzo(k)fluoranthene	22.939	252	87020	4.28	ng/ul	98
93) Benzo(a)pyrene	23.498	252	81123	4.32	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.980	276	101225	4.15	ng/ul	98
95) Dibenzo(a,h)anthracene	25.992	278	86972	4.19	ng/ul	98
96) Benzo(g,h,i)perylene	26.704	276	82392	4.09	ng/ul	98

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

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