Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029768.D
Acq On : 02 May 2021 05:05
Operator : CG/JU
Sample : PB135971BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS971

Manual Integrations APPROVED
mohammad
5/3/2021 12:25:10 PM

Quant Time: May 02 07:22:00 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 02 05:12:33 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	57216	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	214756	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	164005	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	368328	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	440022	20.00	ng/ul	0.00
88) Perylene-d12	23.31	264	455297	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	7309	6.24	ng/uL	0.00
4) Pyridine-d5	3.49	84	82551	32.57	ng/ul	-0.01
7) Phenol-d5	6.76	99	125278	32.52	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	64644	32.04	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	117969	33.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	108134	32.77	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	54906	35.11	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	68459	34.58	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	149507	36.14	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	138852	29.76	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	453549	34.91	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	547107	34.16	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	62559	36.40	ng/ul	0.00
60) Fluorene-d10	15.22	176	392517	34.93	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	92806	34.65	ng/ul	0.00
73) Anthracene-d10	17.07	188	657069	35.39	ng/ul	0.00
81) Pyrene-d10	19.36	212	807218	35.92	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	927663	35.51	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	13793	11.198	ng/uL	96
5) Pyridine	3.50	79	84503	31.327	ng/ul	95
6) Benzaldehyde	6.73	77	59682m	27.011	ng/ul	
8) Phenol	6.79	94	126686	33.177	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.01	93	98458	33.692	ng/ul	97
12) 2-Chlorophenol	7.14	128	118100	34.062	ng/ul	98
13) 2-Methylphenol	8.03	108	101237	33.029	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.10	45	89237	31.108	ng/ul	97
16) Acetophenone	8.40	105	165987	32.634	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	80234	32.731	ng/ul	100
18) 4-Methylphenol	8.36	108	111097	33.268	ng/ul	96
19) Hexachloroethane	8.64	117	50013	31.901	ng/ul	95
22) Nitrobenzene	8.77	77	114799	33.232	ng/ul	97
23) Isophorone	9.30	82	226999	34.064	ng/ul	99
25) 2-Nitrophenol	9.47	139	71648	34.873	ng/ul	97
26) 2,4-Dimethylphenol	9.55	107	128887	34.460	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.78	93	136428	35.169	ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	143048	37.026	ng/ul	95
30) Naphthalene	10.40	128	382531	33.513	ng/ul	99
32) 4-Chloroaniline	10.52	127	133511	28.434	ng/ul	97
33) Hexachlorobutadiene	10.69	225	116941	35.020	ng/ul	98
34) Caprolactam	11.30	113	36158m	33.895	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	116940	35.537	ng/ul	96
36) 2-Methylnaphthalene	12.02	142	294915	33.454	ng/ul	96
37) 1-Methylnaphthalene	12.25	142	294269	34.294	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	221741	34.693	ng/ul	99
40) Hexachlorocyclopentadiene	12.37	237	95158	30.329	ng/ul	91
41) 2,4,6-Trichlorophenol	12.65	196	135218	36.656	ng/ul	97
42) 2,4,5-Trichlorophenol	12.72	196	143520	37.102	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	417377	34.033	ng/ul	100
44) 2-Chloronaphthalene	13.09	162	341752	34.591	ng/ul	97
45) 2-Nitroaniline	13.31	65	65415	34.288	ng/ul	96
47) Dimethylphthalate	13.69	163	443508	35.198	ng/ul	99
48) 2,6-Dinitrotoluene	13.81	165	93618	36.861	ng/ul	93
50) Acenaphthylene	13.94	152	491544	32.963	ng/ul	99
51) 3-Nitroaniline	14.14	138	69692	30.825	ng/ul	96
52) Acenaphthene	14.29	153	354114	34.050	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	54283m	35.851	ng/ul	
55) 4-Nitrophenol	14.46	109	50025	41.159	ng/ul	89
56) Dibenzofuran	14.62	168	537424	34.776	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	133549	37.504	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.86	232	139061	38.070	ng/ul	98
59) Diethylphthalate	15.06	149	424182	35.464	ng/ul	97
61) Fluorene	15.27	166	450389	34.938	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	263131	36.544	ng/ul	93
63) 4-Nitroaniline	15.31	138	75962m	31.584	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	89971	34.871	ng/ul#	98
67) N-Nitrosodiphenylamine	15.49	169	390039	34.293	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	168964	37.397	ng/ul	96
69) Hexachlorobenzene	16.28	284	193158	37.017	ng/ul	95
70) Atrazine	16.45	200	168592	35.974	ng/ul	99
71) Pentachlorophenol	16.63	266	112924	41.127	ng/ul	97
72) Phenanthrene	17.01	178	742063	35.128	ng/ul	99
74) Anthracene	17.10	178	768902	35.419	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	223200	32.585	ng/uL	97
76) Pentachlorobenzene	14.54	250	219068	34.150	ng/uL	97
77) Carbazole	17.37	167	635336	33.535	ng/ul	100
78) Di-n-butylphthalate	17.94	149	745646	37.055	ng/ul	99
80) Fluoranthene	19.03	202	961114	36.365	ng/ul	99
82) Pyrene	19.39	202	998906	35.519	ng/ul	99
83) Butylbenzylphthalate	20.30	149	337633	34.599	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.08	252	320832	28.407	ng/ul	99
85) Benzo(a)anthracene	21.14	228	1011830	35.141	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.08	149	526419	35.154	ng/ul	99
87) Chrysene	21.19	228	1009438	35.082	ng/ul	100
89) Di-n-octyl phthalate	21.94	149	912659	34.929	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	1049807	35.380	ng/ul	99
91) Benzo(k)fluoranthene	22.71	252	1090029	37.294	ng/ul	99
93) Benzo(a)pyrene	23.23	252	953282	35.509	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.49	276	1263861	35.949	ng/ul	100
95) Dibenzo(a,h)anthracene	25.50	278	1058516	36.074	ng/ul	99
96) Benzo(g,h,i)perylene	26.15	276	1039386	35.997	ng/ul	98

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

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