Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM030004.D
Acq On : 13 May 2021 09:30
Operator : CG/JU
Sample : PB136264BS
Misc :
ALS Vial : 104 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS264

Manual Integrations APPROVED
mohammad
5/14/2021 12:49:42 PM

Quant Time: May 13 10:44:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 11 15:21:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	138662	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.31	136	606068	20.00	ng/ul	-0.02
38) Acenaphthene-d10	14.19	164	371277	20.00	ng/ul	-0.02
64) Phenanthrene-d10	16.94	188	681771	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	626031	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	622577	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23132	6.66	ng/uL	0.00
4) Pyridine-d5	3.46	84	276772	31.84	ng/ul	-0.02
7) Phenol-d5	6.73	99	420533	32.61	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	266831	33.37	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.07	132	346586	34.82	ng/ul	-0.01
15) 4-Methylphenol-d8	8.26	113	343498	32.21	ng/ul	-0.01
21) Nitrobenzene-d5	8.70	128	163124	39.06	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.41	143	181277	38.45	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	9.95	165	340976	36.07	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.46	131	419770	29.18	ng/ul	-0.01
46) Dimethylphthalate-d6	13.61	166	1027375	35.70	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	1314616	36.05	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.42	143	147300	31.43	ng/ul	0.00
60) Fluorene-d10	15.19	176	870916	35.65	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	166142	37.52	ng/ul	0.00
73) Anthracene-d10	17.03	188	1281874	37.34	ng/ul	-0.01
81) Pyrene-d10	19.33	212	1313458	40.90	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	1303407	36.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	47982	12.770	ng/uL	91
5) Pyridine	3.48	79	304509	34.150	ng/ul	97
6) Benzaldehyde	6.69	77	221005m	33.202	ng/ul	
8) Phenol	6.75	94	449072	34.111	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.97	93	341281	32.785	ng/ul	97
12) 2-Chlorophenol	7.10	128	356535	35.127	ng/ul	96
13) 2-Methylphenol	7.99	108	334222	33.506	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.07	45	582998	37.181	ng/ul	96
16) Acetophenone	8.36	105	540867	31.604	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.35	70	306122	34.961	ng/ul	94
18) 4-Methylphenol	8.32	108	363786	32.898	ng/ul	98
19) Hexachloroethane	8.60	117	152525	35.568	ng/ul	97
22) Nitrobenzene	8.74	77	429922	39.504	ng/ul	98
23) Isophorone	9.26	82	812545	35.298	ng/ul	100
25) 2-Nitrophenol	9.44	139	201918	39.453	ng/ul	97
26) 2,4-Dimethylphenol	9.51	107	411023	35.592	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.75	93	476668	35.354	ng/ul	99
29) 2,4-Dichlorophenol	9.97	162	335586	36.151	ng/ul	99
30) Naphthalene	10.36	128	1146886	34.093	ng/ul	99
32) 4-Chloroaniline	10.49	127	413918	27.931	ng/ul	99
33) Hexachlorobutadiene	10.65	225	212931	34.211	ng/ul	97
34) Caprolactam	11.27	113	106957m	32.466	ng/ul	

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35) 4-Chloro-3-methylphenol	11.62	107	378819	36.876	ng/ul	100
36) 2-Methylnaphthalene	11.99	142	818152	33.527	ng/ul	99
37) 1-Methylnaphthalene	12.21	142	800087	33.084	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	408044	35.566	ng/ul	100
40) Hexachlorocyclopentadiene	12.33	237	147756	24.793	ng/ul	98
41) 2,4,6-Trichlorophenol	12.62	196	272915	39.009	ng/ul	98
42) 2,4,5-Trichlorophenol	12.69	196	289953	39.159	ng/ul	97
43) 1,1'-Biphenyl	13.02	154	1058752	36.684	ng/ul	98
44) 2-Chloronaphthalene	13.06	162	808658	36.509	ng/ul	100
45) 2-Nitroaniline	13.27	65	260762	46.579	ng/ul	94
47) Dimethylphthalate	13.66	163	1058299	36.726	ng/ul	99
48) 2,6-Dinitrotoluene	13.78	165	219382	42.410	ng/ul	96
50) Acenaphthylene	13.91	152	1243191	35.247	ng/ul	98
51) 3-Nitroaniline	14.12	138	185773	31.968	ng/ul	95
52) Acenaphthene	14.25	153	904821	36.298	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	100745	28.624	ng/ul	94
55) 4-Nitrophenol	14.43	109	118453	32.868	ng/ul	97
56) Dibenzofuran	14.59	168	1229063	35.999	ng/ul	98
57) 2,4-Dinitrotoluene	14.57	165	306866	40.088	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	14.83	232	252354	35.791	ng/ul	98
59) Diethylphthalate	15.03	149	1092312	36.344	ng/ul	99
61) Fluorene	15.24	166	1055789	36.172	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.24	204	516361	36.003	ng/ul	98
63) 4-Nitroaniline	15.28	138	191367m	33.221	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	163373	37.486	ng/ul	97
67) N-Nitrosodiphenylamine	15.46	169	881599	39.806	ng/ul	99
68) 4-Bromophenyl-phenylether	16.13	248	303143	39.947	ng/ul	96
69) Hexachlorobenzene	16.24	284	348512	38.673	ng/ul	96
70) Atrazine	16.42	200	306176	37.470	ng/ul	99
71) Pentachlorophenol	16.60	266	180625	34.980	ng/ul	98
72) Phenanthrene	16.98	178	1538599	38.274	ng/ul	99
74) Anthracene	17.07	178	1570729	38.219	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	413731	38.364	ng/uL	99
76) Pentachlorobenzene	14.51	250	402849	39.170	ng/uL	99
77) Carbazole	17.34	167	1353156	35.934	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1764032	39.468	ng/ul	100
80) Fluoranthene	19.00	202	1679738	42.976	ng/ul	97
82) Pyrene	19.36	202	1749481	42.533	ng/ul	99
83) Butylbenzylphthalate	20.27	149	731527	50.045	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.05	252	476627	33.465	ng/ul	100
85) Benzo(a)anthracene	21.11	228	1600682	39.189	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.05	149	1133299	44.965	ng/ul	99
87) Chrysene	21.16	228	1578488	38.801	ng/ul	100
89) Di-n-octyl phthalate	21.91	149	1894702	39.770	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1665639	41.245	ng/ul	100
91) Benzo(k)fluoranthene	22.68	252	1588095	37.405	ng/ul	99
93) Benzo(a)pyrene	23.19	252	1453165	39.621	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.43	276	1912319	43.078	ng/ul	99
95) Dibenzo(a,h)anthracene	25.44	278	1607376	42.716	ng/ul	100
96) Benzo(g,h,i)perylene	26.08	276	1574364	43.772	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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