Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
Data File : BM029792.D
Acq On : 04 May 2021 16:46
Operator : CG/JU
Sample : PB135972BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS972

Manual Integrations APPROVED
mohammad
5/5/2021 11:26:42 AM

Quant Time: May 04 17:23:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 04 14:23:48 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	135391	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	533899	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	322906	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.96	188	632634	20.00	ng/ul	0.00
79) Chrysene-d12	21.15	240	668771	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	695030	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	22489	6.14	ng/uL	0.00
4) Pyridine-d5	3.49	84	283198	33.78	ng/ul	-0.01
7) Phenol-d5	6.76	99	383249	32.60	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	236794	32.61	ng/ul	0.00
11) 2-Chlorophenol-d4	7.10	132	325090	34.71	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	300389	32.01	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	143339	36.13	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	160255	37.00	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	298504	36.85	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	373615	31.65	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	845651	35.06	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	1100972	34.91	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	143084	38.57	ng/ul	0.00
60) Fluorene-d10	15.22	176	712871	34.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.35	200	153427	36.13	ng/ul	0.00
73) Anthracene-d10	17.06	188	1106768	35.37	ng/ul	0.00
81) Pyrene-d10	19.36	212	1249452	36.41	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.18	264	1453823	37.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	45756	11.324	ng/uL	86
5) Pyridine	3.50	79	294401	33.327	ng/ul	96
6) Benzaldehyde	6.72	77	194584	30.714	ng/ul	97
8) Phenol	6.78	94	403269	33.711	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.01	93	308989	33.027	ng/ul	99
12) 2-Chlorophenol	7.14	128	336337	35.573	ng/ul	98
13) 2-Methylphenol	8.02	108	293661	32.712	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.10	45	479144	32.845	ng/ul	99
16) Acetophenone	8.39	105	462046	32.409	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.38	70	249498	33.195	ng/ul	97
18) 4-Methylphenol	8.35	108	318106	33.297	ng/ul	97
19) Hexachloroethane	8.63	117	139730	33.317	ng/ul	99
22) Nitrobenzene	8.77	77	360568	36.152	ng/ul	99
23) Isophorone	9.29	82	661569	35.315	ng/ul	97
25) 2-Nitrophenol	9.47	139	174370	37.041	ng/ul	97
26) 2,4-Dimethylphenol	9.54	107	325807	33.612	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.77	93	402373	36.601	ng/ul	98
29) 2,4-Dichlorophenol	10.00	162	289260	37.103	ng/ul	98
30) Naphthalene	10.40	128	1010025	34.391	ng/ul	99
32) 4-Chloroaniline	10.52	127	370206	30.887	ng/ul	99
33) Hexachlorobutadiene	10.68	225	182566	33.984	ng/ul	98
34) Caprolactam	11.29	113	94112m	37.405	ng/ul	

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35) 4-Chloro-3-methylphenol	11.65	107	300714	37.082	ng/ul	96
36) 2-Methylnaphthalene	12.02	142	690340	34.475	ng/ul	100
37) 1-Methylnaphthalene	12.24	142	669252	33.515	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	347863	34.002	ng/ul	99
40) Hexachlorocyclopentadiene	12.37	237	136480	26.872	ng/ul	94
41) 2,4,6-Trichlorophenol	12.65	196	224194	37.061	ng/ul	97
42) 2,4,5-Trichlorophenol	12.72	196	232402	35.703	ng/ul	97
43) 1,1'-Biphenyl	13.05	154	874364	34.188	ng/ul	98
44) 2-Chloronaphthalene	13.09	162	683842	34.816	ng/ul	99
45) 2-Nitroaniline	13.30	65	204091	39.461	ng/ul	96
47) Dimethylphthalate	13.69	163	859860	35.732	ng/ul	100
48) 2,6-Dinitrotoluene	13.81	165	181850	38.884	ng/ul	92
50) Acenaphthylene	13.94	152	1024319	33.316	ng/ul	99
51) 3-Nitroaniline	14.14	138	166793	33.683	ng/ul	98
52) Acenaphthene	14.28	153	756397	34.835	ng/ul	99
53) 2,4-Dinitrophenol	14.35	184	97258	36.232	ng/ul	90
55) 4-Nitrophenol	14.46	109	116651	44.264	ng/ul	92
56) Dibenzofuran	14.62	168	1011807	34.776	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	261145	39.557	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.85	232	209585	36.284	ng/ul	99
59) Diethylphthalate	15.06	149	887658	36.169	ng/ul	99
61) Fluorene	15.27	166	863945	35.283	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	415934	35.222	ng/ul	98
63) 4-Nitroaniline	15.31	138	176606m	35.451	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	151989	36.842	ng/ul	99
67) N-Nitrosodiphenylamine	15.49	169	733486	35.434	ng/ul	98
68) 4-Bromophenyl-phenylether	16.16	248	250491	35.422	ng/ul	98
69) Hexachlorobenzene	16.27	284	296766	35.774	ng/ul	99
70) Atrazine	16.44	200	261121	35.299	ng/ul	99
71) Pentachlorophenol	16.62	266	175133	38.367	ng/ul	93
72) Phenanthrene	17.00	178	1339506	35.687	ng/ul	99
74) Anthracene	17.10	178	1364174	35.692	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	348763	32.071	ng/uL	98
76) Pentachlorobenzene	14.54	250	333724	33.605	ng/uL	98
77) Carbazole	17.37	167	1207825	34.592	ng/ul	100
78) Di-n-butylphthalate	17.94	149	1524763	37.767	ng/ul	100
80) Fluoranthene	19.03	202	1549555	37.205	ng/ul	99
82) Pyrene	19.39	202	1632716	36.824	ng/ul	99
83) Butylbenzylphthalate	20.30	149	690399	39.291	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.07	252	510130	32.669	ng/ul	99
85) Benzo(a)anthracene	21.13	228	1602636	36.902	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	1056343	38.247	ng/ul	99
87) Chrysene	21.19	228	1556406	35.416	ng/ul	98
89) Di-n-octyl phthalate	21.93	149	1826963	36.793	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	1645198	36.192	ng/ul	100
91) Benzo(k)fluoranthene	22.71	252	1736516	38.925	ng/ul	99
93) Benzo(a)pyrene	23.22	252	1518618	37.301	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.48	276	2037565	37.699	ng/ul	98
95) Dibenzo(a,h)anthracene	25.49	278	1722593	38.130	ng/ul	99
96) Benzo(g,h,i)perylene	26.14	276	1695259	37.594	ng/ul	99

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

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