Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050721\
Data File : BM029882.D
Acq On : 07 May 2021 18:32
Operator : CG/JU
Sample : M2129-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E0AB9MSD

Manual Integrations APPROVED
mohammad
5/10/2021 11:45:17 AM

Quant Time: May 07 23:33:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 07 13:53:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	146623	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	674930	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	450632	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	927667	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	987411	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	900504	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	17445	4.75	ng/uL	0.00
4) Pyridine-d5	3.48	84	122468	13.32	ng/ul	0.00
7) Phenol-d5	6.74	99	299825	21.99	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	198482	23.47	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	258154	24.53	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	204050	18.09	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	132362	28.46	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	148052	28.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	287651	27.33	ng/ul	0.00
31) 4-Chloroaniline-d4	10.48	131	303184	18.93	ng/ul	0.00
46) Dimethylphthalate-d6	13.63	166	1035266	29.64	ng/ul	0.00
49) Acenaphthylene-d8	13.90	160	1249001	28.22	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	142299	25.01	ng/ul	0.00
60) Fluorene-d10	15.20	176	878101	29.61	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	183330	30.43	ng/ul	0.00
73) Anthracene-d10	17.05	188	1435133	30.72	ng/ul	0.00
81) Pyrene-d10	19.35	212	1671455	33.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	1589423	31.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	38626	9.722	ng/uL#	91
5) Pyridine	3.50	79	218695	23.195	ng/ul	92
6) Benzaldehyde	6.71	77	195184m	27.731	ng/ul	
8) Phenol	6.77	94	426823	30.660	ng/ul	99
10) Bis(2-Chloroethyl)ether	6.99	93	301842	27.422	ng/ul	98
12) 2-Chlorophenol	7.12	128	317557	29.588	ng/ul	99
13) 2-Methylphenol	8.00	108	311651	29.547	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.08	45	479567	28.924	ng/ul	98
16) Acetophenone	8.38	105	531055	29.346	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	291833	31.519	ng/ul	99
18) 4-Methylphenol	8.33	108	351808	30.088	ng/ul	98
19) Hexachloroethane	8.62	117	132914	29.312	ng/ul	93
22) Nitrobenzene	8.76	77	386418	31.884	ng/ul	100
23) Isophorone	9.28	82	823291	32.116	ng/ul	100
25) 2-Nitrophenol	9.46	139	188071	32.998	ng/ul	99
26) 2,4-Dimethylphenol	9.53	107	408594	31.772	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.76	93	452242	30.120	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	332028	32.118	ng/ul	99
30) Naphthalene	10.38	128	1096501	29.269	ng/ul	99
32) 4-Chloroaniline	10.50	127	421048	25.513	ng/ul	99
33) Hexachlorobutadiene	10.66	225	194356	28.041	ng/ul	98
34) Caprolactam	11.29	113	133403m	36.362	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	415318	36.304	ng/ul	100
36) 2-Methylnaphthalene	12.00	142	820065	30.177	ng/ul	98
37) 1-Methylnaphthalene	12.23	142	819474	30.428	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.38	216	412937	29.654	ng/ul	98
40) Hexachlorocyclopentadiene	12.36	237	147707	20.420	ng/ul	98
41) 2,4,6-Trichlorophenol	12.63	196	300511	35.389	ng/ul	98
42) 2,4,5-Trichlorophenol	12.70	196	328337	36.535	ng/ul	99
43) 1,1'-Biphenyl	13.03	154	1097472	31.329	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	838983	31.208	ng/ul	99
45) 2-Nitroaniline	13.29	65	282407	41.562	ng/ul	99
47) Dimethylphthalate	13.67	163	1301814	37.221	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	246181	39.210	ng/ul	90
50) Acenaphthylene	13.92	152	1355897	31.672	ng/ul	98
51) 3-Nitroaniline	14.13	138	243278	34.492	ng/ul	97
52) Acenaphthene	14.27	153	988662	32.677	ng/ul	99
53) 2,4-Dinitrophenol	14.34	184	125632	29.409	ng/ul	98
55) 4-Nitrophenol	14.45	109	161629	36.950	ng/ul	95
56) Dibenzofuran	14.61	168	1383110	33.377	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	370466	39.874	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	306042	35.762	ng/ul	98
59) Diethylphthalate	15.04	149	1298858	35.606	ng/ul	99
61) Fluorene	15.26	166	1207607	34.088	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.26	204	587326	33.740	ng/ul	99
63) 4-Nitroaniline	15.30	138	264316m	37.805	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.36	198	209416	35.314	ng/ul#	91
67) N-Nitrosodiphenylamine	15.47	169	1051576	34.895	ng/ul	99
68) 4-Bromophenyl-phenylether	16.15	248	366783	35.521	ng/ul	99
69) Hexachlorobenzene	16.26	284	427811	34.889	ng/ul	99
70) Atrazine	16.43	200	381463	34.309	ng/ul	99
71) Pentachlorophenol	16.61	266	236697	33.688	ng/ul	100
72) Phenanthrene	16.99	178	1973623	36.081	ng/ul	99
74) Anthracene	17.09	178	1992611	35.632	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	427616	29.141	ng/uL	97
76) Pentachlorobenzene	14.53	250	448369	32.040	ng/uL	99
77) Carbazole	17.36	167	1817616	35.474	ng/ul	99
78) Di-n-butylphthalate	17.93	149	2393388	39.355	ng/ul	100
80) Fluoranthene	19.02	202	2436533	39.524	ng/ul	99
82) Pyrene	19.38	202	2536162	39.092	ng/ul	98
83) Butylbenzylphthalate	20.29	149	1068691	46.353	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.06	252	486802	21.670	ng/ul	98
85) Benzo(a)anthracene	21.12	228	2433107	37.768	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.07	149	1696785	42.683	ng/ul	99
87) Chrysene	21.17	228	2402195	37.438	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2847145	41.317	ng/ul	100
90) Benzo(b)fluoranthene	22.66	252	2385656	40.842	ng/ul	100
91) Benzo(k)fluoranthene	22.70	252	2363026	38.480	ng/ul	99
93) Benzo(a)pyrene	23.20	252	1995733	37.620	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.46	276	2243691	34.944	ng/ul	99
95) Dibenzo(a,h)anthracene	25.46	278	1885073	34.635	ng/ul	100
96) Benzo(g,h,i)perylene	26.11	276	1305648	25.097	ng/ul	99

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

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