Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029751.D
Acq On : 01 May 2021 18:14
Operator : CG/JU
Sample : PB135972BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS972

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:37 PM

Quant Time: May 02 07:06:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 01 16:23:05 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	52627	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	199757	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.23	164	151715	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	347059	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	405443	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	420461	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	6895	6.40	ng/uL	0.00
4) Pyridine-d5	3.49	84	78132	33.52	ng/ul	0.00
7) Phenol-d5	6.76	99	115810	32.68	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	60382	32.53	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	109199	34.07	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	101523	33.45	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	49677	34.15	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	64028	34.77	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	137547	35.75	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	128692	29.66	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	430629	35.83	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	510554	34.46	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	59161	37.21	ng/ul	0.00
60) Fluorene-d10	15.22	176	371523	35.74	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	87479	34.67	ng/ul	0.00
73) Anthracene-d10	17.07	188	607796	34.74	ng/ul	0.00
81) Pyrene-d10	19.37	212	751595	36.30	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	868408	36.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	13395	11.823	ng/uL	97
5) Pyridine	3.51	79	82146	33.109	ng/ul	97
6) Benzaldehyde	6.73	77	57516m	28.301	ng/ul	
8) Phenol	6.79	94	117870	33.560	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.02	93	91489	34.037	ng/ul	98
12) 2-Chlorophenol	7.15	128	109102	34.210	ng/ul	98
13) 2-Methylphenol	8.03	108	93642	33.216	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.11	45	88033	33.365	ng/ul	98
16) Acetophenone	8.40	105	151811	32.449	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.39	70	76725	34.029	ng/ul	98
18) 4-Methylphenol	8.36	108	102540	33.383	ng/ul	100
19) Hexachloroethane	8.64	117	47847	33.181	ng/ul	98
22) Nitrobenzene	8.77	77	108891	33.889	ng/ul	96
23) Isophorone	9.30	82	219194	35.362	ng/ul	100
25) 2-Nitrophenol	9.48	139	65533	34.292	ng/ul	97
26) 2,4-Dimethylphenol	9.55	107	119720	34.412	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.78	93	127750	35.405	ng/ul	98
29) 2,4-Dichlorophenol	10.02	162	129791	36.117	ng/ul	94
30) Naphthalene	10.40	128	353974	33.339	ng/ul	98
32) 4-Chloroaniline	10.52	127	123902	28.369	ng/ul	99
33) Hexachlorobutadiene	10.69	225	104609	33.679	ng/ul	98
34) Caprolactam	11.31	113	34822m	35.094	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	110074	35.962	ng/ul	99
36) 2-Methylnaphthalene	12.03	142	275804	33.635	ng/ul	100
37) 1-Methylnaphthalene	12.25	142	269708	33.791	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	198268	33.533	ng/ul	98
40) Hexachlorocyclopentadiene	12.37	237	87119	30.016	ng/ul	90
41) 2,4,6-Trichlorophenol	12.65	196	121131	35.497	ng/ul	91
42) 2,4,5-Trichlorophenol	12.73	196	127020	35.497	ng/ul	100
43) 1,1'-Biphenyl	13.05	154	384078	33.854	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	311551	34.089	ng/ul	100
45) 2-Nitroaniline	13.31	65	65460	37.091	ng/ul	96
47) Dimethylphthalate	13.69	163	419460	35.986	ng/ul	100
48) 2,6-Dinitrotoluene	13.82	165	88087	37.493	ng/ul	93
50) Acenaphthylene	13.95	152	456540	33.096	ng/ul	99
51) 3-Nitroaniline	14.15	138	61831	29.564	ng/ul	95
52) Acenaphthene	14.29	153	331566	34.465	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	49358	35.239	ng/ul	92
55) 4-Nitrophenol	14.47	109	46704	41.540	ng/ul	87
56) Dibenzofuran	14.63	168	501736	35.097	ng/ul	100
57) 2,4-Dinitrotoluene	14.60	165	128638	39.051	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.86	232	125354	37.097	ng/ul	99
59) Diethylphthalate	15.06	149	412712	37.300	ng/ul	100
61) Fluorene	15.28	166	423449	35.509	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.27	204	243687	36.585	ng/ul	97
63) 4-Nitroaniline	15.31	138	70842m	31.841	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	86847	35.723	ng/ul#	98
67) N-Nitrosodiphenylamine	15.49	169	368770	34.410	ng/ul	100
68) 4-Bromophenyl-phenylether	16.17	248	154259	36.234	ng/ul	98
69) Hexachlorobenzene	16.28	284	176366	35.871	ng/ul	98
70) Atrazine	16.45	200	161536	36.581	ng/ul	99
71) Pentachlorophenol	16.63	266	102944	39.790	ng/ul	98
72) Phenanthrene	17.02	178	704073	35.372	ng/ul	99
74) Anthracene	17.10	178	733605	35.864	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	199217	30.866	ng/uL	99
76) Pentachlorobenzene	14.55	250	199122	32.942	ng/uL	97
77) Carbazole	17.38	167	600195	33.622	ng/ul	100
78) Di-n-butylphthalate	17.94	149	731532	38.582	ng/ul	100
80) Fluoranthene	19.03	202	896256	36.804	ng/ul	99
82) Pyrene	19.40	202	941700	36.341	ng/ul	99
83) Butylbenzylphthalate	20.30	149	343119	38.160	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.08	252	319985	30.749	ng/ul	99
85) Benzo(a)anthracene	21.14	228	961044	36.224	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.08	149	532050	38.560	ng/ul	100
87) Chrysene	21.19	228	945334	35.657	ng/ul	100
89) Di-n-octyl phthalate	21.94	149	927113	38.422	ng/ul	100
90) Benzo(b)fluoranthene	22.68	252	993660	36.262	ng/ul	100
91) Benzo(k)fluoranthene	22.72	252	1005380	37.247	ng/ul	100
93) Benzo(a)pyrene	23.23	252	900428	36.320	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.50	276	1180829	36.370	ng/ul	99
95) Dibenzo(a,h)anthracene	25.50	278	991268	36.581	ng/ul	100
96) Benzo(g,h,i)perylene	26.16	276	968370	36.316	ng/ul	99

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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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