Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029959.D
Acq On : 12 May 2021 01:38
Operator : CG/JU
Sample : PB136110BS
Misc :
ALS Vial : 58 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SLCS110

Manual Integrations APPROVED
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Quant Time: May 12 03:22:26 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 12 02:41:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	145035	20.00	ng/ul	0.00
20) Naphthalene-d8	10.32	136	634811	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	394153	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	758272	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	712592	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	670643	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	23544	6.48	ng/uL	0.00
4) Pyridine-d5	3.47	84	252697	27.79	ng/ul	-0.01
7) Phenol-d5	6.73	99	402913	29.87	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.89	67	257568	30.80	ng/ul	0.00
11) 2-Chlorophenol-d4	7.08	132	331773	31.87	ng/ul	0.00
15) 4-Methylphenol-d8	8.26	113	330859	29.66	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	154366	35.29	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	174367	35.31	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	330802	33.41	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	417489	27.71	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	1022523	33.47	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	1273230	32.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	155212	31.19	ng/ul	0.00
60) Fluorene-d10	15.19	176	861486	33.22	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	172821	35.09	ng/ul	0.00
73) Anthracene-d10	17.04	188	1296505	33.95	ng/ul	0.00
81) Pyrene-d10	19.34	212	1388658	37.99	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.14	264	1352590	35.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	50322	12.804	ng/uL	96
5) Pyridine	3.49	79	258944	27.764	ng/ul	96
6) Benzaldehyde	6.70	77	190563	27.371	ng/ul	96
8) Phenol	6.76	94	415339	30.162	ng/ul	95
10) Bis(2-Chloroethyl)ether	6.98	93	322379	29.608	ng/ul	97
12) 2-Chlorophenol	7.11	128	336431	31.690	ng/ul	98
13) 2-Methylphenol	7.99	108	305843	29.314	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.08	45	541619	33.024	ng/ul	98
16) Acetophenone	8.37	105	504530	28.186	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	287067	31.344	ng/ul	97
18) 4-Methylphenol	8.32	108	336073	29.057	ng/ul	97
19) Hexachloroethane	8.60	117	144815	32.286	ng/ul	98
22) Nitrobenzene	8.74	77	397446	34.866	ng/ul	97
23) Isophorone	9.26	82	757741	31.427	ng/ul	98
25) 2-Nitrophenol	9.45	139	184043	34.333	ng/ul	98
26) 2,4-Dimethylphenol	9.52	107	363119	30.020	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.75	93	445641	31.556	ng/ul	99
29) 2,4-Dichlorophenol	9.97	162	311573	32.044	ng/ul	99
30) Naphthalene	10.37	128	1083072	30.738	ng/ul	100
32) 4-Chloroaniline	10.49	127	386305	24.887	ng/ul	98
33) Hexachlorobutadiene	10.65	225	201757	30.948	ng/ul	98
34) Caprolactam	11.27	113	105370m	30.536	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	351586	32.675	ng/ul	100
36) 2-Methylnaphthalene	11.99	142	763348	29.865	ng/ul	99
37) 1-Methylnaphthalene	12.21	142	743182	29.339	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	385984	31.691	ng/ul	99
40) Hexachlorocyclopentadiene	12.34	237	185781	29.364	ng/ul	98
41) 2,4,6-Trichlorophenol	12.62	196	253274	34.100	ng/ul	99
42) 2,4,5-Trichlorophenol	12.69	196	268750	34.189	ng/ul	96
43) 1,1'-Biphenyl	13.02	154	979435	31.966	ng/ul	99
44) 2-Chloronaphthalene	13.06	162	764253	32.502	ng/ul	99
45) 2-Nitroaniline	13.28	65	238718	40.167	ng/ul	97
47) Dimethylphthalate	13.66	163	1005968	32.884	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	206477	37.598	ng/ul	93
50) Acenaphthylene	13.91	152	1154066	30.821	ng/ul	99
51) 3-Nitroaniline	14.12	138	181212	29.373	ng/ul	99
52) Acenaphthene	14.26	153	848537	32.064	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	116902	31.287	ng/ul	96
55) 4-Nitrophenol	14.44	109	120661	31.537	ng/ul	98
56) Dibenzofuran	14.60	168	1163548	32.102	ng/ul	98
57) 2,4-Dinitrotoluene	14.58	165	293866	36.162	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.83	232	243661	32.552	ng/ul	97
59) Diethylphthalate	15.03	149	1064179	33.353	ng/ul	100
61) Fluorene	15.24	166	1003913	32.399	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.24	204	490811	32.235	ng/ul	100
63) 4-Nitroaniline	15.29	138	195221m	31.923	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.34	198	163751	33.782	ng/ul#	99
67) N-Nitrosodiphenylamine	15.46	169	850581	34.531	ng/ul	98
68) 4-Bromophenyl-phenylether	16.14	248	296934	35.181	ng/ul	97
69) Hexachlorobenzene	16.25	284	345577	34.478	ng/ul	97
70) Atrazine	16.42	200	300961	33.116	ng/ul	99
71) Pentachlorophenol	16.60	266	185379	32.278	ng/ul	98
72) Phenanthrene	16.98	178	1525401	34.117	ng/ul	100
74) Anthracene	17.07	178	1544065	33.780	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	405142	33.777	ng/uL	98
76) Pentachlorobenzene	14.52	250	381501	33.352	ng/uL	99
77) Carbazole	17.35	167	1341582	32.033	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1815149	36.514	ng/ul	100
80) Fluoranthene	19.00	202	1709286	38.420	ng/ul	99
82) Pyrene	19.37	202	1781808	38.057	ng/ul	97
83) Butylbenzylphthalate	20.27	149	767180	46.108	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.05	252	489707	30.207	ng/ul	100
85) Benzo(a)anthracene	21.11	228	1648223	35.451	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.06	149	1210427	42.192	ng/ul	100
87) Chrysene	21.16	228	1618474	34.951	ng/ul	99
89) Di-n-octyl phthalate	21.91	149	2002230	39.015	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1705385	39.203	ng/ul	100
91) Benzo(k)fluoranthene	22.68	252	1586669	34.693	ng/ul	99
93) Benzo(a)pyrene	23.19	252	1457248	36.885	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.43	276	1891386	39.553	ng/ul	100
95) Dibenzo(a,h)anthracene	25.44	278	1590526	39.239	ng/ul	99
96) Benzo(g,h,i)perylene	26.09	276	1534359	39.603	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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