Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051021\
Data File : BM029988.D
Acq On : 12 May 2021 19:11
Operator : CG/JU
Sample : PB136123BS
Misc :
ALS Vial : 87 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS123

Manual Integrations APPROVED
Sohil
5/13/2021 10:31:09 AM

Quant Time: May 13 01:58:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 13 01:09:15 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	150115	20.00	ng/ul	-0.01
20) Naphthalene-d8	10.32	136	667230	20.00	ng/ul	-0.01
38) Acenaphthene-d10	14.19	164	407757	20.00	ng/ul	-0.01
64) Phenanthrene-d10	16.94	188	766654	20.00	ng/ul	0.00
79) Chrysene-d12	21.13	240	711649	20.00	ng/ul	0.00
88) Perylene-d12	23.28	264	689263	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	24276	6.46	ng/uL	0.00
4) Pyridine-d5	3.47	84	269273	28.61	ng/ul	-0.01
7) Phenol-d5	6.73	99	429817	30.79	ng/ul	-0.01
9) Bis-(2-Chloroethyl)ether-d	6.89	67	275940	31.88	ng/ul	0.00
11) 2-Chlorophenol-d4	7.07	132	350225	32.51	ng/ul	-0.01
15) 4-Methylphenol-d8	8.26	113	350545	30.36	ng/ul	0.00
21) Nitrobenzene-d5	8.70	128	165988	36.10	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.42	143	185000	35.65	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.95	165	342469	32.91	ng/ul	0.00
31) 4-Chloroaniline-d4	10.46	131	429962	27.15	ng/ul	-0.01
46) Dimethylphthalate-d6	13.61	166	1038374	32.85	ng/ul	-0.01
49) Acenaphthylene-d8	13.88	160	1313021	32.78	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.42	143	154073	29.93	ng/ul	0.00
60) Fluorene-d10	15.19	176	882220	32.88	ng/ul	-0.01
65) 4,6-Dinitro-2-methylphenol	15.33	200	171979	34.54	ng/ul	0.00
73) Anthracene-d10	17.04	188	1319467	34.18	ng/ul	0.00
81) Pyrene-d10	19.33	212	1395467	38.22	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.14	264	1363161	34.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	52758	12.970	ng/uL	94
5) Pyridine	3.49	79	271644	28.140	ng/ul	96
6) Benzaldehyde	6.70	77	204185	28.335	ng/ul	97
8) Phenol	6.76	94	439333	30.825	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.98	93	340665	30.229	ng/ul	98
12) 2-Chlorophenol	7.11	128	348943	31.756	ng/ul	97
13) 2-Methylphenol	7.99	108	326550	30.240	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.07	45	591234	34.829	ng/ul	96
16) Acetophenone	8.37	105	531233	28.673	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.36	70	302519	31.913	ng/ul	94
18) 4-Methylphenol	8.32	108	355093	29.662	ng/ul	97
19) Hexachloroethane	8.60	117	152141	32.772	ng/ul	92
22) Nitrobenzene	8.74	77	418741	34.950	ng/ul	96
23) Isophorone	9.26	82	795462	31.389	ng/ul	98
25) 2-Nitrophenol	9.45	139	196506	34.876	ng/ul	100
26) 2,4-Dimethylphenol	9.51	107	382671	30.099	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.75	93	466989	31.461	ng/ul	100
29) 2,4-Dichlorophenol	9.97	162	323366	31.641	ng/ul	98
30) Naphthalene	10.36	128	1123335	30.331	ng/ul	99
32) 4-Chloroaniline	10.49	127	409138	25.077	ng/ul	99
33) Hexachlorobutadiene	10.65	225	207819	30.329	ng/ul	98
34) Caprolactam	11.27	113	108526m	29.922	ng/ul	

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35) 4-Chloro-3-methylphenol	11.62	107	364414	32.222	ng/ul	100
36) 2-Methylnaphthalene	11.99	142	798787	29.733	ng/ul	99
37) 1-Methylnaphthalene	12.21	142	779813	29.289	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	401845	31.892	ng/ul	99
40) Hexachlorocyclopentadiene	12.34	237	189865	29.009	ng/ul	99
41) 2,4,6-Trichlorophenol	12.62	196	261355	34.014	ng/ul	100
42) 2,4,5-Trichlorophenol	12.69	196	276711	34.028	ng/ul	96
43) 1,1'-Biphenyl	13.02	154	1024432	32.319	ng/ul	98
44) 2-Chloronaphthalene	13.06	162	788321	32.407	ng/ul	99
45) 2-Nitroaniline	13.28	65	251441	40.896	ng/ul	94
47) Dimethylphthalate	13.66	163	1030855	32.573	ng/ul	100
48) 2,6-Dinitrotoluene	13.78	165	210539	37.059	ng/ul	97
50) Acenaphthylene	13.91	152	1189331	30.703	ng/ul	99
51) 3-Nitroaniline	14.12	138	188127	29.477	ng/ul	98
52) Acenaphthene	14.26	153	877317	32.046	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	109226	28.257	ng/ul	96
55) 4-Nitrophenol	14.44	109	121886	30.794	ng/ul	98
56) Dibenzofuran	14.59	168	1194979	31.869	ng/ul	98
57) 2,4-Dinitrotoluene	14.58	165	298986	35.565	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	14.83	232	248844	32.135	ng/ul	99
59) Diethylphthalate	15.03	149	1072044	32.479	ng/ul	99
61) Fluorene	15.25	166	1022822	31.908	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.25	204	501319	31.827	ng/ul	100
63) 4-Nitroaniline	15.29	138	196221m	31.016	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	166024	33.876	ng/ul#	98
67) N-Nitrosodiphenylamine	15.46	169	863481	34.672	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	298442	34.973	ng/ul	99
69) Hexachlorobenzene	16.24	284	350071	34.545	ng/ul	96
70) Atrazine	16.42	200	297738	32.403	ng/ul	99
71) Pentachlorophenol	16.60	266	183990	31.686	ng/ul	99
72) Phenanthrene	16.98	178	1539195	34.049	ng/ul	100
74) Anthracene	17.07	178	1572357	34.022	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.98	216	417838	34.455	ng/uL	99
76) Pentachlorobenzene	14.52	250	391434	33.846	ng/uL	98
77) Carbazole	17.35	167	1340483	31.657	ng/ul	99
78) Di-n-butylphthalate	17.92	149	1797574	35.765	ng/ul	100
80) Fluoranthene	19.00	202	1707613	38.433	ng/ul	99
82) Pyrene	19.36	202	1773702	37.934	ng/ul	99
83) Butylbenzylphthalate	20.27	149	756913	45.551	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.05	252	463382	28.621	ng/ul	98
85) Benzo(a)anthracene	21.11	228	1645009	35.429	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.05	149	1172128	40.911	ng/ul	98
87) Chrysene	21.16	228	1617528	34.977	ng/ul	100
89) Di-n-octyl phthalate	21.91	149	1947097	36.915	ng/ul	100
90) Benzo(b)fluoranthene	22.64	252	1628526	36.425	ng/ul	100
91) Benzo(k)fluoranthene	22.68	252	1669866	35.526	ng/ul	99
93) Benzo(a)pyrene	23.19	252	1471386	36.236	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.43	276	1928054	39.231	ng/ul	99
95) Dibenzo(a,h)anthracene	25.43	278	1621256	38.917	ng/ul	99
96) Benzo(g,h,i)perylene	26.08	276	1572721	39.496	ng/ul	99

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

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