Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051521\
Data File : BM030043.D
Acq On : 15 May 2021 10:28
Operator : CG/JU
Sample : PB136432BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS432

Manual Integrations APPROVED
mohammad
5/17/2021 11:21:37 AM

Quant Time: May 15 11:17:44 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 15 09:59:28 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	127348	20.00	ng/ul	0.00
20) Naphthalene-d8	10.30	136	541146	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.18	164	314126	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.93	188	570607	20.00	ng/ul	0.00
79) Chrysene-d12	21.12	240	530592	20.00	ng/ul	0.00
88) Perylene-d12	23.26	264	558480	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	24147	7.57	ng/uL	0.00
4) Pyridine-d5	3.46	84	280543	35.14	ng/ul	0.00
7) Phenol-d5	6.72	99	376641	31.80	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.88	67	236168	32.16	ng/ul	0.00
11) 2-Chlorophenol-d4	7.06	132	306837	33.57	ng/ul	0.00
15) 4-Methylphenol-d8	8.25	113	293180	29.93	ng/ul	0.00
21) Nitrobenzene-d5	8.69	128	138221	37.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.40	143	151045	35.89	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.93	165	282062	33.42	ng/ul	0.00
31) 4-Chloroaniline-d4	10.45	131	356180	27.73	ng/ul	0.00
46) Dimethylphthalate-d6	13.60	166	791613	32.51	ng/ul	0.00
49) Acenaphthylene-d8	13.87	160	1039228	33.68	ng/ul	0.00
54) 4-Nitrophenol-d4	14.41	143	115089	29.02	ng/ul	0.00
60) Fluorene-d10	15.18	176	683169	33.05	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.32	200	127633	34.44	ng/ul	0.00
73) Anthracene-d10	17.03	188	1007164	35.05	ng/ul	0.00
81) Pyrene-d10	19.33	212	1043981	38.36	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.13	264	1096871	34.65	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	52420	15.190	ng/uL#	89
5) Pyridine	3.48	79	317667	38.791	ng/ul	97
6) Benzaldehyde	6.69	77	228430	37.366	ng/ul	96
8) Phenol	6.75	94	431668	35.702	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.97	93	324516	33.944	ng/ul	98
12) 2-Chlorophenol	7.10	128	346158	37.135	ng/ul	97
13) 2-Methylphenol	7.98	108	311811	34.037	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.06	45	555732	38.591	ng/ul	96
16) Acetophenone	8.36	105	499063	31.753	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.34	70	274043	34.078	ng/ul	94
18) 4-Methylphenol	8.31	108	336996	33.183	ng/ul	99
19) Hexachloroethane	8.59	117	146012	37.074	ng/ul	94
22) Nitrobenzene	8.73	77	406363	41.819	ng/ul	97
23) Isophorone	9.25	82	703405	34.223	ng/ul	99
25) 2-Nitrophenol	9.43	139	183864	40.236	ng/ul	97
26) 2,4-Dimethylphenol	9.50	107	375456	36.413	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.73	93	418627	34.774	ng/ul	96
29) 2,4-Dichlorophenol	9.96	162	297057	35.839	ng/ul	98
30) Naphthalene	10.35	128	1058124	35.228	ng/ul	99
32) 4-Chloroaniline	10.47	127	370130	27.972	ng/ul	99
33) Hexachlorobutadiene	10.63	225	195414	35.164	ng/ul	97
34) Caprolactam	11.26	113	87688m	29.810	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.61	107	324373	35.364	ng/ul	99
36) 2-Methylnaphthalene	11.97	142	715229	32.826	ng/ul	99
37) 1-Methylnaphthalene	12.20	142	703034	32.558	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.35	216	357468	36.826	ng/ul	98
40) Hexachlorocyclopentadiene	12.33	237	137419	27.254	ng/ul	99
41) 2,4,6-Trichlorophenol	12.60	196	232277	39.241	ng/ul	98
42) 2,4,5-Trichlorophenol	12.68	196	246422	39.335	ng/ul	97
43) 1,1'-Biphenyl	13.00	154	900604	36.881	ng/ul	99
44) 2-Chloronaphthalene	13.05	162	704277	37.582	ng/ul	98
45) 2-Nitroaniline	13.27	65	225138	47.532	ng/ul	95
47) Dimethylphthalate	13.65	163	869093	35.647	ng/ul	100
48) 2,6-Dinitrotoluene	13.77	165	179914	41.108	ng/ul	94
50) Acenaphthylene	13.90	152	1057576	35.439	ng/ul	98
51) 3-Nitroaniline	14.10	138	162280	33.006	ng/ul	99
52) Acenaphthene	14.24	153	772920	36.648	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	71978	24.171	ng/ul	92
55) 4-Nitrophenol	14.43	109	106102	34.797	ng/ul	98
56) Dibenzofuran	14.58	168	1053865	36.483	ng/ul	96
57) 2,4-Dinitrotoluene	14.57	165	253567	39.152	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	14.82	232	209830	35.174	ng/ul	98
59) Diethylphthalate	15.02	149	879988	34.607	ng/ul	99
61) Fluorene	15.23	166	889949	36.038	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.23	204	427996	35.271	ng/ul	100
63) 4-Nitroaniline	15.27	138	162785m	33.401	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.33	198	135235	37.075	ng/ul	99
67) N-Nitrosodiphenylamine	15.45	169	724821	39.103	ng/ul	98
68) 4-Bromophenyl-phenylether	16.13	248	249063	39.214	ng/ul	98
69) Hexachlorobenzene	16.24	284	288365	38.233	ng/ul	99
70) Atrazine	16.41	200	245034	35.830	ng/ul	99
71) Pentachlorophenol	16.59	266	150484	34.820	ng/ul	99
72) Phenanthrene	16.97	178	1301782	38.691	ng/ul	100
74) Anthracene	17.06	178	1345825	39.126	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	12.97	216	359969	39.882	ng/uL	97
76) Pentachlorobenzene	14.50	250	338166	39.287	ng/uL	99
77) Carbazole	17.34	167	1132862	35.945	ng/ul	99
78) Di-n-butylphthalate	17.90	149	1339190	35.800	ng/ul	100
80) Fluoranthene	18.99	202	1417564	42.792	ng/ul	98
82) Pyrene	19.36	202	1498072	42.972	ng/ul	98
83) Butylbenzylphthalate	20.27	149	551301	44.499	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.04	252	412742	34.192	ng/ul	98
85) Benzo(a)anthracene	21.10	228	1393715	40.260	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.04	149	798107	37.362	ng/ul	99
87) Chrysene	21.16	228	1384666	40.159	ng/ul	99
89) Di-n-octyl phthalate	21.90	149	1337439	31.295	ng/ul	100
90) Benzo(b)fluoranthene	22.63	252	1428264	39.427	ng/ul	99
91) Benzo(k)fluoranthene	22.67	252	1476612	38.771	ng/ul	99
93) Benzo(a)pyrene	23.17	252	1333724	40.538	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.40	276	1816241	45.610	ng/ul	99
95) Dibenzo(a,h)anthracene	25.41	278	1507241	44.652	ng/ul	100
96) Benzo(g,h,i)perylene	26.06	276	1506260	46.685	ng/ul	98

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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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