Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051021\
Data File : BM029904.D
Acq On : 10 May 2021 10:56
Operator : CG/JU
Sample : PB136206BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS206

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Quant Time: May 10 14:43:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050721.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 10 10:07:43 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	139131	20.00	ng/ul	0.00
20) Naphthalene-d8	10.33	136	639559	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.20	164	425177	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.95	188	877561	20.00	ng/ul	0.00
79) Chrysene-d12	21.14	240	917900	20.00	ng/ul	0.00
88) Perylene-d12	23.29	264	794911	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	22219	6.38	ng/uL	0.00
4) Pyridine-d5	3.48	84	246242	28.23	ng/ul	0.00
7) Phenol-d5	6.74	99	400369	30.94	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.90	67	245367	30.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.09	132	319744	32.02	ng/ul	0.00
15) 4-Methylphenol-d8	8.27	113	332162	31.04	ng/ul	0.00
21) Nitrobenzene-d5	8.71	128	152509	34.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.43	143	165369	33.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.96	165	326561	32.74	ng/ul	0.00
31) 4-Chloroaniline-d4	10.47	131	424581	27.97	ng/ul	0.00
46) Dimethylphthalate-d6	13.62	166	1093449	33.18	ng/ul	0.00
49) Acenaphthylene-d8	13.89	160	1362306	32.62	ng/ul	0.00
54) 4-Nitrophenol-d4	14.43	143	184571	34.39	ng/ul	0.00
60) Fluorene-d10	15.20	176	938193	33.53	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	190401	33.40	ng/ul	0.00
73) Anthracene-d10	17.04	188	1501870	33.99	ng/ul	0.00
81) Pyrene-d10	19.34	212	1732153	36.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.16	264	1582180	35.11	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	46670	12.379	ng/uL#	90
5) Pyridine	3.49	79	244646	27.344	ng/ul	99
6) Benzaldehyde	6.71	77	183192m	27.429	ng/ul	
8) Phenol	6.76	94	403349	30.534	ng/ul	96
10) Bis(2-Chloroethyl)ether	6.99	93	308987	29.583	ng/ul	99
12) 2-Chlorophenol	7.12	128	316971	31.124	ng/ul	98
13) 2-Methylphenol	8.00	108	305695	30.543	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.09	45	505075	32.103	ng/ul	97
16) Acetophenone	8.38	105	515329	30.011	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.37	70	277736	31.612	ng/ul	98
18) 4-Methylphenol	8.33	108	341601	30.788	ng/ul	100
19) Hexachloroethane	8.62	117	132270	30.741	ng/ul	99
22) Nitrobenzene	8.75	77	394995	34.394	ng/ul	98
23) Isophorone	9.27	82	766350	31.548	ng/ul	99
25) 2-Nitrophenol	9.46	139	185975	34.435	ng/ul	98
26) 2,4-Dimethylphenol	9.52	107	383622	31.480	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.76	93	440351	30.950	ng/ul	99
29) 2,4-Dichlorophenol	9.99	162	312148	31.865	ng/ul	98
30) Naphthalene	10.38	128	1085762	30.585	ng/ul	100
32) 4-Chloroaniline	10.50	127	404341	25.856	ng/ul	98
33) Hexachlorobutadiene	10.66	225	190878	29.062	ng/ul	98
34) Caprolactam	11.29	113	116697m	33.567	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.63	107	365843	33.748	ng/ul	99
36) 2-Methylnaphthalene	12.00	142	781018	30.329	ng/ul	99
37) 1-Methylnaphthalene	12.22	142	775688	30.395	ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	395646	30.114	ng/ul	98
40) Hexachlorocyclopentadiene	12.35	237	171539	25.135	ng/ul	97
41) 2,4,6-Trichlorophenol	12.63	196	264016	32.953	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	284899	33.599	ng/ul	99
43) 1,1'-Biphenyl	13.03	154	1020803	30.885	ng/ul	98
44) 2-Chloronaphthalene	13.07	162	795648	31.368	ng/ul	100
45) 2-Nitroaniline	13.29	65	247148	38.551	ng/ul	97
47) Dimethylphthalate	13.67	163	1073485	32.530	ng/ul	99
48) 2,6-Dinitrotoluene	13.79	165	216872	36.610	ng/ul	98
50) Acenaphthylene	13.92	152	1246541	30.861	ng/ul	99
51) 3-Nitroaniline	14.12	138	200839	30.179	ng/ul	97
52) Acenaphthene	14.27	153	908717	31.833	ng/ul	100
53) 2,4-Dinitrophenol	14.34	184	124305	30.841	ng/ul	92
55) 4-Nitrophenol	14.45	109	141727	34.340	ng/ul	97
56) Dibenzofuran	14.60	168	1258283	32.183	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	328673	37.494	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.84	232	264058	32.703	ng/ul	97
59) Diethylphthalate	15.04	149	1146421	33.309	ng/ul	100
61) Fluorene	15.26	166	1100081	32.912	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.26	204	531637	32.369	ng/ul	99
63) 4-Nitroaniline	15.29	138	218234m	33.082	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.35	198	186834	33.305	ng/ul#	99
67) N-Nitrosodiphenylamine	15.47	169	945544	33.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.14	248	324814	33.253	ng/ul	95
69) Hexachlorobenzene	16.26	284	377699	32.561	ng/ul	97
70) Atrazine	16.43	200	339514	32.280	ng/ul	99
71) Pentachlorophenol	16.60	266	207265	31.184	ng/ul	99
72) Phenanthrene	16.99	178	1763321	34.077	ng/ul	100
74) Anthracene	17.08	178	1811024	34.234	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	12.99	216	416353	29.994	ng/uL	98
76) Pentachlorobenzene	14.52	250	406409	30.700	ng/uL	97
77) Carbazole	17.36	167	1605059	33.114	ng/ul	99
78) Di-n-butylphthalate	17.93	149	1994725	34.672	ng/ul	100
80) Fluoranthene	19.01	202	2093425	36.530	ng/ul	98
82) Pyrene	19.37	202	2202038	36.513	ng/ul	99
83) Butylbenzylphthalate	20.29	149	867512	40.476	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.06	252	647721	31.017	ng/ul	98
85) Benzo(a)anthracene	21.12	228	2118390	35.373	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.06	149	1403300	37.974	ng/ul	99
87) Chrysene	21.17	228	2107259	35.328	ng/ul	100
89) Di-n-octyl phthalate	21.92	149	2358080	38.765	ng/ul	100
90) Benzo(b)fluoranthene	22.65	252	1945152	37.724	ng/ul	100
91) Benzo(k)fluoranthene	22.69	252	2041659	37.663	ng/ul	99
93) Benzo(a)pyrene	23.20	252	1681384	35.905	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.44	276	1880135	33.171	ng/ul	99
95) Dibenzo(a,h)anthracene	25.45	278	1595293	33.204	ng/ul	99
96) Benzo(g,h,i)perylene	26.10	276	1494544	32.545	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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