Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050121\
Data File : BM029761.D
Acq On : 02 May 2021 00:15
Operator : CG/JU
Sample : PB135931BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SLCS931

Manual Integrations APPROVED
mohammad
5/3/2021 12:24:50 PM

Quant Time: May 02 01:36:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050121.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun May 02 01:03:03 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	53243	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	193225	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	143455	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	321916	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	386042	20.00	ng/ul	0.00
88) Perylene-d12	23.32	264	418115	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	6931	6.36	ng/uL	0.00
4) Pyridine-d5	3.49	84	76880	32.60	ng/ul	-0.01
7) Phenol-d5	6.76	99	115635	32.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.92	67	59513	31.69	ng/ul	0.00
11) 2-Chlorophenol-d4	7.11	132	107789	33.24	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	98698	32.14	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	49532	35.20	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	63062	35.40	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.99	165	133248	35.80	ng/ul	0.00
31) 4-Chloroaniline-d4	10.50	131	120599	28.73	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	395572	34.81	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	486639	34.73	ng/ul	0.00
54) 4-Nitrophenol-d4	14.45	143	54385	36.18	ng/ul	0.00
60) Fluorene-d10	15.22	176	346858	35.29	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.36	200	81474	34.81	ng/ul	0.00
73) Anthracene-d10	17.07	188	571399	35.21	ng/ul	0.00
81) Pyrene-d10	19.36	212	710678	36.05	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.19	264	838586	34.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	13407	11.697	ng/uL	99
5) Pyridine	3.50	79	81138	32.324	ng/ul	94
6) Benzaldehyde	6.73	77	55449	26.968	ng/ul	97
8) Phenol	6.79	94	115561	32.522	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.01	93	88957	32.712	ng/ul	98
12) 2-Chlorophenol	7.15	128	108760	33.709	ng/ul	99
13) 2-Methylphenol	8.03	108	90860	31.856	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.11	45	80543	30.173	ng/ul	96
16) Acetophenone	8.40	105	147667	31.198	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	72013	31.570	ng/ul	99
18) 4-Methylphenol	8.36	108	101231	32.575	ng/ul	95
19) Hexachloroethane	8.64	117	45885	31.452	ng/ul	96
22) Nitrobenzene	8.77	77	105691	34.005	ng/ul	95
23) Isophorone	9.30	82	201048	33.531	ng/ul	99
25) 2-Nitrophenol	9.48	139	65050	35.190	ng/ul	99
26) 2,4-Dimethylphenol	9.55	107	115185	34.228	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.78	93	119986	34.377	ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	126695	36.447	ng/ul	97
30) Naphthalene	10.40	128	344955	33.588	ng/ul	98
32) 4-Chloroaniline	10.52	127	118119	27.959	ng/ul	98
33) Hexachlorobutadiene	10.69	225	104733	34.859	ng/ul	95
34) Caprolactam	11.30	113	32852m	34.228	ng/ul	

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35) 4-Chloro-3-methylphenol	11.66	107	105582	35.661	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	264820	33.388	ng/ul	97
37) 1-Methylnaphthalene	12.25	142	258562	33.490	ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	192574	34.446	ng/ul	98
40) Hexachlorocyclopentadiene	12.37	237	81433	29.673	ng/ul#	90
41) 2,4,6-Trichlorophenol	12.65	196	116561	36.125	ng/ul	93
42) 2,4,5-Trichlorophenol	12.73	196	119983	35.461	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	368534	34.355	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	298498	34.541	ng/ul	98
45) 2-Nitroaniline	13.31	65	59290	35.530	ng/ul	93
47) Dimethylphthalate	13.69	163	382234	34.681	ng/ul	100
48) 2,6-Dinitrotoluene	13.81	165	83103	37.408	ng/ul	92
50) Acenaphthylene	13.95	152	432285	33.142	ng/ul	99
51) 3-Nitroaniline	14.15	138	55109	27.867	ng/ul	95
52) Acenaphthene	14.29	153	315046	34.633	ng/ul	99
53) 2,4-Dinitrophenol	14.36	184	46000	34.733	ng/ul	93
55) 4-Nitrophenol	14.47	109	44135	41.515	ng/ul#	87
56) Dibenzofuran	14.63	168	472187	34.932	ng/ul	99
57) 2,4-Dinitrotoluene	14.60	165	117846	37.835	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.86	232	120555	37.731	ng/ul	98
59) Diethylphthalate	15.06	149	366854	35.064	ng/ul	98
61) Fluorene	15.27	166	393053	34.858	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	228187	36.230	ng/ul	96
63) 4-Nitroaniline	15.31	138	67326m	32.003	ng/ul	
66) 4,6-Dinitro-2-methylphenol	15.37	198	79012	35.039	ng/ul#	96
67) N-Nitrosodiphenylamine	15.49	169	343550	34.560	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	142837	36.172	ng/ul	96
69) Hexachlorobenzene	16.28	284	164811	36.139	ng/ul	97
70) Atrazine	16.45	200	145401	35.499	ng/ul	99
71) Pentachlorophenol	16.63	266	96296	40.128	ng/ul	96
72) Phenanthrene	17.01	178	656104	35.537	ng/ul	99
74) Anthracene	17.10	178	675138	35.584	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.02	216	193321	32.292	ng/uL	99
76) Pentachlorobenzene	14.54	250	190264	33.936	ng/uL	97
77) Carbazole	17.38	167	561238	33.895	ng/ul	99
78) Di-n-butylphthalate	17.94	149	629257	35.780	ng/ul	100
80) Fluoranthene	19.03	202	842888	36.352	ng/ul	97
82) Pyrene	19.39	202	886101	35.914	ng/ul	100
83) Butylbenzylphthalate	20.30	149	290478	33.929	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.08	252	292632	29.533	ng/ul	99
85) Benzo(a)anthracene	21.14	228	913048	36.145	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.08	149	443574	33.763	ng/ul	99
87) Chrysene	21.19	228	887826	35.170	ng/ul	100
89) Di-n-octyl phthalate	21.94	149	787771	32.830	ng/ul	100
90) Benzo(b)fluoranthene	22.67	252	1000091	36.702	ng/ul	100
91) Benzo(k)fluoranthene	22.72	252	937912	34.943	ng/ul	99
93) Benzo(a)pyrene	23.23	252	876816	35.566	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.49	276	1166485	36.130	ng/ul	99
95) Dibenzo(a,h)anthracene	25.50	278	974060	36.148	ng/ul	100
96) Benzo(g,h,i)perylene	26.16	276	966841	36.462	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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