Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014406.D
Acq On : 24 Apr 2021 16:53
Operator : CG/JU
Sample : M2127-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : E0AA0MSD

Quant Time: Apr 26 02:39:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN041521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 23 12:06:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	137341	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	568637	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	320342	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	642345	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	659925	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	608486	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	13237	3.67	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.85	99	79335	6.91	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	199457	29.01	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	229743	25.44	ng/ul	0.00
15) 4-Methylphenol-d8	8.38	113	140172	16.11	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	146958	35.76	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	130114	32.33	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	254065	29.31	ng/ul	0.00
31) 4-Chloroaniline-d4	10.59	131	18696	1.45	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	839146	36.16	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1110653	39.78	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	31679	7.04	ng/ul	0.00
60) Fluorene-d10	15.32	176	751848	36.65	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.43	200	101861	29.63	ng/ul	0.00
73) Anthracene-d10	17.16	188	1140288	38.03	ng/ul	0.00
81) Pyrene-d10	19.46	212	1232407	38.47	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1273567	39.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7498	2.040	ng/uL#	92
6) Benzaldehyde	6.83	77	201700	34.794	ng/ul	98
8) Phenol	6.88	94	113485	9.195	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.12	93	256128	26.387	ng/ul	98
12) 2-Chlorophenol	7.25	128	217902	22.567	ng/ul	98
13) 2-Methylphenol	8.12	108	157442	17.592	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.21	45	306807	28.594	ng/ul	100
16) Acetophenone	8.50	105	421306	28.800	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.49	70	202442	29.764	ng/ul	98
18) 4-Methylphenol	8.45	108	149431	15.417	ng/ul	99
19) Hexachloroethane	8.75	117	120251	29.627	ng/ul	93
22) Nitrobenzene	8.88	77	325978	29.989	ng/ul	98
23) Isophorone	9.39	82	577054	31.566	ng/ul	99
25) 2-Nitrophenol	9.58	139	134976	28.388	ng/ul	99
26) 2,4-Dimethylphenol	9.64	107	208284	19.678	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.88	93	361249	29.006	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	234325	26.341	ng/ul	98
30) Naphthalene	10.51	128	910164	28.879	ng/ul	100
32) 4-Chloroaniline	10.62	127	41805	3.159	ng/ul	98
33) Hexachlorobutadiene	10.80	225	161381	27.786	ng/ul	96
34) Caprolactam	11.38	113	3958	1.596	ng/ul	93
35) 4-Chloro-3-methylphenol	11.74	107	216962	24.675	ng/ul	97

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36) 2-Methylnaphthalene	12.13	142	634728	29.558 ng/ul	97
37) 1-Methylnaphthalene	12.35	142	613483	28.689 ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	314727	29.027 ng/ul	97
40) Hexachlorocyclopentadiene	12.48	237	138400	20.555 ng/ul	99
41) 2,4,6-Trichlorophenol	12.74	196	185981	29.678 ng/ul	98
42) 2,4,5-Trichlorophenol	12.81	196	204959	29.472 ng/ul	97
43) 1,1'-Biphenyl	13.15	154	820204	31.132 ng/ul	99
44) 2-Chloronaphthalene	13.19	162	622022	30.202 ng/ul	97
45) 2-Nitroaniline	13.39	65	158587	33.215 ng/ul	96
47) Dimethylphthalate	13.78	163	812232	33.714 ng/ul	100
48) 2,6-Dinitrotoluene	13.90	165	151115	35.766 ng/ul	100
50) Acenaphthylene	14.04	152	966264	32.529 ng/ul	99
51) 3-Nitroaniline	14.22	138	78558	15.090 ng/ul	97
52) Acenaphthene	14.39	153	684978	31.613 ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	51325	20.811 ng/ul	97
55) 4-Nitrophenol	14.53	109	25848	6.702 ng/ul	97
56) Dibenzofuran	14.72	168	971051	32.203 ng/ul	99
57) 2,4-Dinitrotoluene	14.69	165	216124	35.410 ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.95	232	168924	30.874 ng/ul	100
59) Diethylphthalate	15.15	149	791047	32.099 ng/ul	99
61) Fluorene	15.37	166	791001	32.361 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	394336	32.760 ng/ul	97
63) 4-Nitroaniline	15.39	138	138833	27.397 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.45	198	95480	26.229 ng/ul	97
67) N-Nitrosodiphenylamine	15.58	169	638118	31.928 ng/ul	100
68) 4-Bromophenyl-phenylether	16.26	248	223032	32.820 ng/ul	98
69) Hexachlorobenzene	16.37	284	261395	32.225 ng/ul	98
70) Atrazine	16.53	200	199031	28.022 ng/ul	97
71) Pentachlorophenol	16.72	266	126874	26.901 ng/ul	88
72) Phenanthrene	17.11	178	1231228	32.830 ng/ul	99
74) Anthracene	17.20	178	1246156	32.713 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.11	216	315876	29.862 ng/uL	98
76) Pentachlorobenzene	14.64	250	316142	30.071 ng/uL	97
77) Carbazole	17.47	167	1084893	31.483 ng/ul	99
78) Di-n-butylphthalate	18.05	149	1269510	34.048 ng/ul	99
80) Fluoranthene	19.13	202	1390524	34.351 ng/ul	98
82) Pyrene	19.49	202	1442346	33.462 ng/ul	99
83) Butylbenzylphthalate	20.40	149	462578	32.685 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.19	252	293994	24.909 ng/ul	94
85) Benzo(a)anthracene	21.25	228	1383719	32.450 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.19	149	776804	33.676 ng/ul	97
87) Chrysene	21.30	228	1371215	33.176 ng/ul	95
89) Di-n-octyl phthalate	22.06	149	1263257	33.252 ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1408766	34.607 ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	1379971	34.053 ng/ul	99
93) Benzo(a)pyrene	23.39	252	1242042	34.486 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.73	276	1649631	34.558 ng/ul	96
95) Dibenzo(a,h)anthracene	25.74	278	1390329	35.280 ng/ul	97
96) Benzo(g,h,i)perylene	26.42	276	1315405	34.098 ng/ul	96

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

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