Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042421\
Data File : BN014405.D
Acq On : 24 Apr 2021 16:18
Operator : CG/JU
Sample : M2127-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E0AA0MS

Manual Integrations APPROVED
mohammad
4/26/2021 11:41:14 AM

Quant Time: Apr 26 02:38:48 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	7.68	152	159856	20.00	ng/ul	0.00
20) Naphthalene-d8	10.46	136	667100	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.32	164	374155	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.07	188	758545	20.00	ng/ul	0.00
79) Chrysene-d12	21.26	240	750481	20.00	ng/ul	0.00
88) Perylene-d12	23.49	264	734981m	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	13337	3.18	ng/uL	0.00
4) Pyridine-d5	0.00	84	0d	0.00	ng/ul	
7) Phenol-d5	6.85	99	75543	5.65	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.02	67	205468	25.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.22	132	228778	21.76	ng/ul	0.00
15) 4-Methylphenol-d8	8.39	113	136232	13.45	ng/ul	0.00
21) Nitrobenzene-d5	8.83	128	149439	31.00	ng/ul	0.00
24) 2-Nitrophenol-d4	9.55	143	130810	27.71	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.08	165	261126	25.68	ng/ul	0.00
31) 4-Chloroaniline-d4	10.60	131	15874	1.05	ng/ul	0.00
46) Dimethylphthalate-d6	13.73	166	924252	34.10	ng/ul	0.00
49) Acenaphthylene-d8	14.01	160	1165678	35.75	ng/ul	0.00
54) 4-Nitrophenol-d4	14.52	143	31862	6.06	ng/ul	0.00
60) Fluorene-d10	15.32	176	809093	33.77	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.44	200	112193	27.64	ng/ul	0.00
73) Anthracene-d10	17.16	188	1224357	34.58	ng/ul	0.00
81) Pyrene-d10	19.46	212	1351383	37.09	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.35	264	1328701m	34.08	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7096	1.659	ng/uL#	88
6) Benzaldehyde	6.83	77	204991	30.381	ng/ul	99
8) Phenol	6.88	94	118153	8.225	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.12	93	260261	23.036	ng/ul	98
12) 2-Chlorophenol	7.25	128	213911	19.034	ng/ul	97
13) 2-Methylphenol	8.12	108	149238	14.327	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.22	45	311288	24.925	ng/ul	100
16) Acetophenone	8.50	105	425618	24.997	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.49	70	203902	25.756	ng/ul	98
18) 4-Methylphenol	8.45	108	140514	12.455	ng/ul	92
19) Hexachloroethane	8.76	117	121438	25.706	ng/ul	98
22) Nitrobenzene	8.88	77	327396	25.674	ng/ul	99
23) Isophorone	9.40	82	578863	26.991	ng/ul	98
25) 2-Nitrophenol	9.58	139	134793	24.165	ng/ul	97
26) 2,4-Dimethylphenol	9.64	107	209789	16.894	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.88	93	365814	25.037	ng/ul	99
29) 2,4-Dichlorophenol	10.11	162	232666	22.294	ng/ul	98
30) Naphthalene	10.51	128	905436	24.489	ng/ul	100
32) 4-Chloroaniline	10.62	127	37998	2.448	ng/ul	99
33) Hexachlorobutadiene	10.80	225	161917	23.763	ng/ul	96
34) Caprolactam	11.38	113	3505	1.205	ng/ul	90
35) 4-Chloro-3-methylphenol	11.74	107	214579	20.802	ng/ul	99

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36) 2-Methylnaphthalene	12.13	142	638819	25.358	ng/ul	97
37) 1-Methylnaphthalene	12.35	142	614825	24.508	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	324486	25.623	ng/ul	99
40) Hexachlorocyclopentadiene	12.48	237	138706	17.638	ng/ul	96
41) 2,4,6-Trichlorophenol	12.74	196	189031	25.826	ng/ul	96
42) 2,4,5-Trichlorophenol	12.81	196	212566	26.169	ng/ul	97
43) 1,1'-Biphenyl	13.15	154	817993	26.582	ng/ul	99
44) 2-Chloronaphthalene	13.19	162	630953	26.230	ng/ul	99
45) 2-Nitroaniline	13.39	65	166091	29.784	ng/ul	99
47) Dimethylphthalate	13.78	163	855864	30.416	ng/ul	99
48) 2,6-Dinitrotoluene	13.90	165	161471	32.721	ng/ul	97
50) Acenaphthylene	14.04	152	968166	27.905	ng/ul	98
51) 3-Nitroaniline	14.22	138	75581	12.430	ng/ul	98
52) Acenaphthene	14.39	153	699155	27.627	ng/ul	98
53) 2,4-Dinitrophenol	14.43	184	53970	18.736	ng/ul	96
55) 4-Nitrophenol	14.53	109	26041	5.781	ng/ul	98
56) Dibenzofuran	14.72	168	995202	28.257	ng/ul	100
57) 2,4-Dinitrotoluene	14.69	165	229006	32.124	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.95	232	176824	27.670	ng/ul	96
59) Diethylphthalate	15.15	149	839277	29.158	ng/ul	99
61) Fluorene	15.37	166	839677	29.411	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.37	204	399964	28.449	ng/ul	99
63) 4-Nitroaniline	15.39	138	143527	24.250	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.45	198	104387	24.283	ng/ul	99
67) N-Nitrosodiphenylamine	15.58	169	685157	29.030	ng/ul	100
68) 4-Bromophenyl-phenylether	16.26	248	245010	30.531	ng/ul	97
69) Hexachlorobenzene	16.37	284	293085	30.596	ng/ul	99
70) Atrazine	16.54	200	215451	25.687	ng/ul	98
71) Pentachlorophenol	16.72	266	140756	25.273	ng/ul	89
72) Phenanthrene	17.11	178	1323751	29.890	ng/ul	98
74) Anthracene	17.20	178	1334057	29.656	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.12	216	319158	25.550	ng/uL	98
76) Pentachlorobenzene	14.65	250	326941	26.334	ng/uL	94
77) Carbazole	17.47	167	1154922	28.381	ng/ul	99
78) Di-n-butylphthalate	18.05	149	1379806	31.337	ng/ul	99
80) Fluoranthene	19.13	202	1475092	32.043	ng/ul	99
82) Pyrene	19.49	202	1554780	31.718	ng/ul	98
83) Butylbenzylphthalate	20.40	149	495510	30.787	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.18	252	321408	23.946	ng/ul	97
85) Benzo(a)anthracene	21.25	228	1502002	30.974	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.19	149	864050	32.939	ng/ul	99
87) Chrysene	21.30	228	1452233	30.897	ng/ul	96
89) Di-n-octyl phthalate	22.06	149	1352458	29.473	ng/ul	100
90) Benzo(b)fluoranthene	22.82	252	1484885	30.199	ng/ul	99
91) Benzo(k)fluoranthene	22.86	252	1478394m	30.203	ng/ul	
93) Benzo(a)pyrene	23.39	252	1327585	30.517	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.73	276	1735883m	30.106	ng/ul	
95) Dibenzo(a,h)anthracene	25.74	278	1464267m	30.762	ng/ul	
96) Benzo(g,h,i)perylene	26.42	276	1413733m	30.340	ng/ul	

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

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