Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012221\
Data File : BN013454.D
Acq On : 21 Jan 2021 14:51
Operator : CG/JU
Sample : PB134060BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS060

Manual Integrations APPROVED
mohammad
1/25/2021 7:56:01 AM

Quant Time: Jan 21 15:24:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN012221.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 21 13:24:42 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	472557	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1756840	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	913417	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1621719	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1434517	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1462636	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	74188	6.40	ng/uL	0.00
4) Pyridine-d5	3.56	84	960315	31.74	ng/ul	0.00
7) Phenol-d5	6.76	99	1250376	33.64	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	714473	32.70	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1079208	33.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	954123	32.35	ng/ul	0.00
21) Nitrobenzene-d5	8.72	128	480824	34.87	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	512369	36.20	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	937503	34.60	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1120009	29.28	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	2284219	33.71	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	3081838	35.75	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	424819	33.47	ng/ul	0.00
60) Fluorene-d10	15.22	176	1922318	32.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	322724	34.16	ng/ul	0.00
73) Anthracene-d10	17.07	188	2641067	33.70	ng/ul	0.00
81) Pyrene-d10	19.37	212	2609170	30.60	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2740310	35.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	142063	11.847	ng/uL	97
5) Pyridine	3.58	79	937742	30.605	ng/ul	99
6) Benzaldehyde	6.73	77	749615	49.429	ng/ul	99
8) Phenol	6.79	94	1193788	31.105	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	949215	30.086	ng/ul	99
12) 2-Chlorophenol	7.15	128	1034462	31.061	ng/ul	97
13) 2-Methylphenol	8.02	108	883599	30.560	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.11	45	1317064	29.899	ng/ul	99
16) Acetophenone	8.39	105	1376898	30.908	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.39	70	624277	30.799	ng/ul	100
18) 4-Methylphenol	8.35	108	950922	30.375	ng/ul	100
19) Hexachloroethane	8.65	117	416866	30.052	ng/ul	96
22) Nitrobenzene	8.77	77	990570	31.660	ng/ul	98
23) Isophorone	9.29	82	1677512	31.201	ng/ul	100
25) 2-Nitrophenol	9.47	139	533484	33.187	ng/ul	98
26) 2,4-Dimethylphenol	9.54	107	969789	31.455	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.78	93	1139269	30.392	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	862042	31.599	ng/ul	98
30) Naphthalene	10.40	128	3025000	30.500	ng/ul	99
32) 4-Chloroaniline	10.51	127	1033236	27.961	ng/ul	100
33) Hexachlorobutadiene	10.69	225	547158	30.723	ng/ul	97
34) Caprolactam	11.26	113	221140m	29.287	ng/ul	

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35) 4-Chloro-3-methylphenol	11.64	107	827062	30.925	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	2036617	30.714	ng/ul	95
37) 1-Methylnaphthalene	12.24	142	1959045	30.854	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	955088	32.546	ng/ul	99
40) Hexachlorocyclopentadiene	12.37	237	571668	31.770	ng/ul	97
41) 2,4,6-Trichlorophenol	12.64	196	590663	33.378	ng/ul	99
42) 2,4,5-Trichlorophenol	12.70	196	639214	33.040	ng/ul	94
43) 1,1'-Biphenyl	13.05	154	2448369	31.771	ng/ul	99
44) 2-Chloronaphthalene	13.09	162	1905290	31.278	ng/ul	99
45) 2-Nitroaniline	13.29	65	474517	34.094	ng/ul	99
47) Dimethylphthalate	13.69	163	2150803	30.514	ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	448035	32.487	ng/ul	98
50) Acenaphthylene	13.94	152	2738247	30.835	ng/ul	100
51) 3-Nitroaniline	14.13	138	427566	33.797	ng/ul	94
52) Acenaphthene	14.29	153	1922513	30.339	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	200090	28.437	ng/ul	95
55) 4-Nitrophenol	14.44	109	284671	31.166	ng/ul	100
56) Dibenzofuran	14.62	168	2612533	30.784	ng/ul	98
57) 2,4-Dinitrotoluene	14.59	165	618172	32.080	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.85	232	483576	32.265	ng/ul	99
59) Diethylphthalate	15.06	149	2033257	29.864	ng/ul	99
61) Fluorene	15.27	166	2052189	30.649	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	977599	29.757	ng/ul	97
63) 4-Nitroaniline	15.29	138	477373	41.985	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	310387	30.296	ng/ul	97
67) N-Nitrosodiphenylamine	15.49	169	1745989	32.501	ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	569951	31.166	ng/ul	99
69) Hexachlorobenzene	16.28	284	653822	31.224	ng/ul	95
70) Atrazine	16.45	200	558054	31.745	ng/ul	98
71) Pentachlorophenol	16.62	266	351210	31.427	ng/ul	100
72) Phenanthrene	17.02	178	2988350	30.863	ng/ul	99
74) Anthracene	17.10	178	3048428	31.362	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	933965	33.918	ng/uL	98
76) Pentachlorobenzene	14.54	250	824280	31.468	ng/uL	97
77) Carbazole	17.37	167	2647920	32.600	ng/ul	99
78) Di-n-butylphthalate	17.96	149	2946828	31.916	ng/ul	99
80) Fluoranthene	19.04	202	3086454	27.873	ng/ul	98
82) Pyrene	19.40	202	3177511	27.950	ng/ul	98
83) Butylbenzylphthalate	20.33	149	1152053	30.451	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.10	252	869599	34.184	ng/ul	100
85) Benzo(a)anthracene	21.16	228	2955041	31.009	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	1828696	34.367	ng/ul	99
87) Chrysene	21.22	228	2929288	31.227	ng/ul	98
89) Di-n-octyl phthalate	21.99	149	3030899	33.658	ng/ul	100
90) Benzo(b)fluoranthene	22.71	252	3129218	32.689	ng/ul	99
91) Benzo(k)fluoranthene	22.75	252	2977243	31.419	ng/ul	99
93) Benzo(a)pyrene	23.27	252	2763843	31.423	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	25.54	276	3619143	33.182	ng/ul	97
95) Dibenzo(a,h)anthracene	25.56	278	3038719	33.351	ng/ul	97
96) Benzo(g,h,i)perylene	26.20	276	3000193	33.091	ng/ul	96

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

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