Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062621\
Data File : BN015081.D
Acq On : 25 Jun 2021 17:07
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTD020406

Quant Time: Jun 25 18:02:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN061821MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 24 14:43:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	169915	20.000	ng/ul	0.00
20) Naphthalene-d8	10.498	136	677917	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.351	164	406006	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.098	188	801182	20.000	ng/ul	0.00
79) Chrysene-d12	21.298	240	774726	20.000	ng/ul	0.00
88) Perylene-d12	23.545	264	796822	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	33184	7.599	ng/uL	0.00
4) Pyridine-d5	3.675	84	219894	18.678	ng/ul	0.00
7) Phenol-d5	6.893	99	275208	18.661	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.063	67	163611	18.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	219731	19.650	ng/ul	0.00
15) 4-Methylphenol-d8	8.422	113	211750	18.604	ng/ul	0.00
21) Nitrobenzene-d5	8.869	128	100965	21.772	ng/ul	0.00
24) 2-Nitrophenol-d4	9.587	143	94486	22.874	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.116	165	200304	20.544	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	291495	19.292	ng/ul	0.00
46) Dimethylphthalate-d6	13.763	166	557247	19.988	ng/ul	0.00
49) Acenaphthylene-d8	14.045	160	722748	19.970	ng/ul	0.00
54) 4-Nitrophenol-d4	14.539	143	100023	20.569	ng/ul	0.00
60) Fluorene-d10	15.345	176	480008	19.791	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	59766	18.062	ng/ul	0.00
73) Anthracene-d10	17.198	188	732437	19.974	ng/ul	0.00
81) Pyrene-d10	19.498	212	782245	19.264	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.398	264	783450	19.917	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	34613	7.691	ng/uL	94
5) Pyridine	3.693	79	228390	18.646	ng/ul	98
6) Benzaldehyde	6.875	77	166675	24.301	ng/ul	98
8) Phenol	6.922	94	278337	18.617	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.157	93	221268	18.735	ng/ul	97
12) 2-Chlorophenol	7.293	128	220059	19.448	ng/ul	99
13) 2-Methylphenol	8.157	108	205049	18.368	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.252	45	285348	18.547	ng/ul	98
16) Acetophenone	8.534	105	323278	18.750	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.522	70	159469	18.883	ng/ul	99
18) 4-Methylphenol	8.481	108	220397	18.409	ng/ul	95
19) Hexachloroethane	8.799	117	90585	19.586	ng/ul	96
22) Nitrobenzene	8.910	77	238096	21.030	ng/ul	98
23) Isophorone	9.434	82	436756	19.616	ng/ul	100
25) 2-Nitrophenol	9.616	139	104438	22.808	ng/ul	97
26) 2,4-Dimethylphenol	9.681	107	238049	20.052	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.916	93	285326	20.085	ng/ul	99
29) 2,4-Dichlorophenol	10.146	162	191597	20.175	ng/ul	95
30) Naphthalene	10.551	128	681719	19.707	ng/ul	99
32) 4-Chloroaniline	10.657	127	285783	19.243	ng/ul	99
33) Hexachlorobutadiene	10.840	225	117035	19.854	ng/ul	95
34) Caprolactam	11.398	113	62615	19.306	ng/ul	97
35) 4-Chloro-3-methylphenol	11.781	107	209868	20.196	ng/ul	100
36) 2-Methylnaphthalene	12.163	142	471079	19.671	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.381	142	467280	19.473	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.534	216	228218	20.137	ng/ul	98
40) Hexachlorocyclopentadiene	12.516	237	110474	17.862	ng/ul	98
41) 2,4,6-Trichlorophenol	12.775	196	140058	21.136	ng/ul	94
42) 2,4,5-Trichlorophenol	12.840	196	151915	20.634	ng/ul	96
43) 1,1'-Biphenyl	13.181	154	577225	19.702	ng/ul	97
44) 2-Chloronaphthalene	13.222	162	442815	19.404	ng/ul	95
45) 2-Nitroaniline	13.422	65	121607	22.904	ng/ul	96
47) Dimethylphthalate	13.810	163	536917	19.898	ng/ul	99
48) 2,6-Dinitrotoluene	13.928	165	103043	22.697	ng/ul	95
50) Acenaphthylene	14.069	152	664178	19.449	ng/ul	99
51) 3-Nitroaniline	14.251	138	116187	22.634	ng/ul	93
52) Acenaphthene	14.416	153	469469	19.541	ng/ul	97
53) 2,4-Dinitrophenol	14.457	184	37961	18.209	ng/ul	95
55) 4-Nitrophenol	14.557	109	73760	20.800	ng/ul	94
56) Dibenzofuran	14.751	168	672945	19.942	ng/ul	98
57) 2,4-Dinitrotoluene	14.710	165	144364	22.803	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.981	232	119486	22.141	ng/ul	94
59) Diethylphthalate	15.181	149	539293	20.021	ng/ul	99
61) Fluorene	15.404	166	527404	19.743	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.404	204	252689	19.908	ng/ul	99
63) 4-Nitroaniline	15.416	138	118901	24.892	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.475	198	60810	18.184	ng/ul	98
67) N-Nitrosodiphenylamine	15.610	169	454643	19.564	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	150180	19.473	ng/ul	98
69) Hexachlorobenzene	16.404	284	165064	19.098	ng/ul	93
70) Atrazine	16.569	200	152138	18.815	ng/ul	99
71) Pentachlorophenol	16.751	266	89032	19.690	ng/ul	93
72) Phenanthrene	17.139	178	825829	19.529	ng/ul	99
74) Anthracene	17.233	178	860127	19.814	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.145	216	222285	19.592	ng/uL	98
76) Pentachlorobenzene	14.669	250	211540	19.472	ng/uL	98
77) Carbazole	17.498	167	772328	19.739	ng/ul	98
78) Di-n-butylphthalate	18.075	149	897167	20.143	ng/ul	99
80) Fluoranthene	19.163	202	944853	19.276	ng/ul	97
82) Pyrene	19.527	202	944325	18.483	ng/ul	100
83) Butylbenzylphthalate	20.439	149	390078	21.420	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.216	252	303245	19.007	ng/ul	92
85) Benzo(a)anthracene	21.280	228	913070	19.055	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.221	149	599815	20.567	ng/ul	98
87) Chrysene	21.333	228	932596	19.764	ng/ul	98
89) Di-n-octyl phthalate	22.110	149	1029109	20.652	ng/ul	100
90) Benzo(b)fluoranthene	22.868	252	966974	20.152	ng/ul	98
91) Benzo(k)fluoranthene	22.915	252	924282	19.032	ng/ul	98
93) Benzo(a)pyrene	23.445	252	852510	19.547	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	25.798	276	1071089	20.243	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	886349	20.210	ng/ul	97
96) Benzo(g,h,i)perylene	26.492	276	858605	18.772	ng/ul	98

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

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