Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081822\
Data File : BN021287.D
Acq On : 18 Aug 2022 19:25
Operator : CG/JU
Sample : SSTD04026
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD040227

Quant Time: Aug 18 21:13:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081822.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 18 19:40:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.099	152	121835	20.000	ng/ul	0.00
20) Naphthalene-d8	10.934	136	488014	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.757	164	274460	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.510	188	536587	20.000	ng/ul	0.00
79) Chrysene-d12	21.698	240	497524	20.000	ng/ul	# 0.00
88) Perylene-d12	24.245	264	513284	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	54189	19.264	ng/uL	0.00
4) Pyridine-d5	3.817	84	355614	46.253	ng/ul	0.00
7) Phenol-d5	7.246	99	419178	41.579	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.422	67	253002	40.167	ng/ul	0.00
11) 2-Chlorophenol-d4	7.622	132	325924	39.788	ng/ul	0.00
15) 4-Methylphenol-d8	8.816	113	311197	35.679	ng/ul	0.00
21) Nitrobenzene-d5	9.281	128	139550	37.587	ng/ul	0.00
24) 2-Nitrophenol-d4	10.004	143	125312	31.803	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	289576	42.098	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	423434	38.014	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	781821	39.149	ng/ul	0.00
49) Acenaphthylene-d8	14.451	160	946095	40.852	ng/ul	0.00
54) 4-Nitrophenol-d4	14.945	143	135394	33.834	ng/ul	0.00
60) Fluorene-d10	15.751	176	678416	41.053	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	75439	24.271	ng/ul	0.00
73) Anthracene-d10	17.610	188	976046	41.679	ng/ul	0.00
81) Pyrene-d10	19.898	212	1098449	40.726	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1091569	43.465	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.428	88	56767	19.116	ng/uL	93
5) Pyridine	3.840	79	360102	44.677	ng/ul	85
6) Benzaldehyde	7.222	77	203274	42.792	ng/ul	93
8) Phenol	7.275	94	429519	40.010	ng/ul	93
10) Bis(2-Chloroethyl)ether	7.516	93	349651	41.614	ng/ul	94
12) 2-Chlorophenol	7.657	128	350208	40.901	ng/ul	96
13) 2-Methylphenol	8.546	108	322130	39.032	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.640	45	426999	32.409	ng/ul	96
16) Acetophenone	8.934	105	491954	37.088	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.922	70	245672	36.256	ng/ul	94
18) 4-Methylphenol	8.881	108	341241	37.463	ng/ul	99
19) Hexachloroethane	9.199	117	143222	41.571	ng/ul	91
22) Nitrobenzene	9.322	77	343825	39.941	ng/ul	96
23) Isophorone	9.851	82	690196	40.607	ng/ul	99
25) 2-Nitrophenol	10.040	139	152514	35.029	ng/ul	90
26) 2,4-Dimethylphenol	10.099	107	353156	39.152	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.340	93	428980	41.243	ng/ul	99
29) 2,4-Dichlorophenol	10.575	162	293129	41.197	ng/ul	97
30) Naphthalene	10.987	128	1040142	41.125	ng/ul	99
32) 4-Chloroaniline	11.099	127	439987	39.491	ng/ul	97
33) Hexachlorobutadiene	11.275	225	176013	43.087	ng/ul	96
34) Caprolactam	11.857	113	92432	33.266	ng/ul	83
35) 4-Chloro-3-methylphenol	12.216	107	306518	36.484	ng/ul	98
36) 2-Methylnaphthalene	12.593	142	684049	40.005	ng/ul	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.810	142	684051	39.202	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.957	216	315715	45.103	ng/ul	96
40) Hexachlorocyclopentadiene	12.934	237	199248	46.792	ng/ul	94
41) 2,4,6-Trichlorophenol	13.193	196	201256	41.697	ng/ul	95
42) 2,4,5-Trichlorophenol	13.263	196	216088	40.423	ng/ul	95
43) 1,1'-Biphenyl	13.598	154	875745	43.091	ng/ul	100
44) 2-Chloronaphthalene	13.640	162	662345	42.960	ng/ul	99
45) 2-Nitroaniline	13.840	65	153994	32.105	ng/ul	88
47) Dimethylphthalate	14.216	163	793009	39.446	ng/ul	99
48) 2,6-Dinitrotoluene	14.334	165	134444	34.204	ng/ul	96
50) Acenaphthylene	14.481	152	1068940	41.689	ng/ul	100
51) 3-Nitroaniline	14.657	138	141562	34.067	ng/ul#	97
52) Acenaphthene	14.822	153	676779	40.408	ng/ul	98
53) 2,4-Dinitrophenol	14.857	184	48122	19.122	ng/ul	98
55) 4-Nitrophenol	14.963	109	108635	31.803	ng/ul	91
56) Dibenzofuran	15.157	168	951870	40.340	ng/ul	96
57) 2,4-Dinitrotoluene	15.116	165	187183	32.162	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.375	232	157165	37.454	ng/ul	94
59) Diethylphthalate	15.575	149	808485	39.061	ng/ul	97
61) Fluorene	15.804	166	747074	40.688	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.798	204	342862	40.548	ng/ul	98
63) 4-Nitroaniline	15.822	138	131324	33.820	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.875	198	82611	26.215	ng/ul#	95
67) N-Nitrosodiphenylamine	16.010	169	658948	42.836	ng/ul	99
68) 4-Bromophenyl-phenylether	16.698	248	210809	45.113	ng/ul	97
69) Hexachlorobenzene	16.804	284	253148	47.128	ng/ul	96
70) Atrazine	16.963	200	226357	42.173	ng/ul	96
71) Pentachlorophenol	17.151	266	128916	38.534	ng/ul	95
72) Phenanthrene	17.551	178	1188349	41.965	ng/ul	100
74) Anthracene	17.645	178	1199328	42.120	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.557	216	333309	46.387	ng/uL	93
76) Pentachlorobenzene	15.069	250	294595	46.389	ng/uL	92
77) Carbazole	17.916	167	1125680	43.456	ng/ul	99
78) Di-n-butylphthalate	18.480	149	1363735	42.456	ng/ul	98
80) Fluoranthene	19.563	202	1348605	41.400	ng/ul	95
82) Pyrene	19.927	202	1366349	40.884	ng/ul	95
83) Butylbenzylphthalate	20.827	149	582279	38.714	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.616	252	437000	45.988	ng/ul#	94
85) Benzo(a)anthracene	21.680	228	1298175	41.321	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.616	149	873158	41.145	ng/ul	99
87) Chrysene	21.739	228	1239954	40.342	ng/ul	98
89) Di-n-octyl phthalate	22.592	149	1555421	37.232	ng/ul	100
90) Benzo(b)fluoranthene	23.468	252	1347655	41.834	ng/ul	98
91) Benzo(k)fluoranthene	23.515	252	1295672	42.251	ng/ul	97
93) Benzo(a)pyrene	24.133	252	1333787	42.773	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.939	276	1583859	49.368	ng/ul	97
95) Dibenzo(a,h)anthracene	26.962	278	1348100	49.195	ng/ul	97
96) Benzo(g,h,i)perylene	27.762	276	1318631	48.670	ng/ul	95

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

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