Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020724\
Data File : BN029543.D
Acq On : 07 Feb 2024 12:34
Operator : MA/JU
Sample : SSTD16013
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD160237

Quant Time: Feb 07 13:58:46 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 07 13:56:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	184511	20.000	ng/ul	0.00
20) Naphthalene-d8	10.693	136	758913	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.534	164	394982	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.286	188	773983	20.000	ng/ul	0.00
79) Chrysene-d12	21.486	240	603884	20.000	ng/ul	0.00
88) Perylene-d12	23.863	264	741531	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.328	96	392158	69.907	ng/uL	0.00
4) Pyridine-d5	3.740	84	2574527	172.093	ng/ul	0.00
7) Phenol-d5	7.063	99	3016630	174.792	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.240	67	1885143	163.669	ng/ul	0.01
11) 2-Chlorophenol-d4	7.422	132	2276590	182.036	ng/ul	0.00
15) 4-Methylphenol-d8	8.616	113	2257218	175.373	ng/ul	0.02
21) Nitrobenzene-d5	9.063	128	1114054	189.139	ng/ul	0.01
24) 2-Nitrophenol-d4	9.781	143	1108644	216.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	1835906	181.315	ng/ul	0.01
31) 4-Chloroaniline-d4	10.846	131	2851796	165.088	ng/ul	0.01
46) Dimethylphthalate-d6	13.963	166	4849769	164.920	ng/ul	0.01
49) Acenaphthylene-d8	14.234	160	5701133	163.250	ng/ul	0.01
54) 4-Nitrophenol-d4	14.763	143	1037724	185.927	ng/ul	0.03
60) Fluorene-d10	15.534	176	3833375	153.232	ng/ul	0.01
65) 4,6-Dinitro-2-methylph...	15.669	200	763402	202.424	ng/ul	0.02
73) Anthracene-d10	17.392	188	5723998	157.801	ng/ul	0.01
81) Pyrene-d10	19.686	212	6065997	167.386	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.727	264	6223724	167.731	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	408815	70.362	ng/uL	97
5) Pyridine	3.758	79	2592302	167.495	ng/ul	98
6) Benzaldehyde	7.034	77	853709	109.676	ng/ul	99
8) Phenol	7.093	94	3002643	169.760	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.334	93	2436480	163.816	ng/ul	98
12) 2-Chlorophenol	7.457	128	2299518	175.252	ng/ul	99
13) 2-Methylphenol	8.340	108	2193818	171.878	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	1832183	94.324	ng/ul	97
16) Acetophenone	8.734	105	3279403	160.089	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.740	70	1760751	166.486	ng/ul	100
18) 4-Methylphenol	8.693	108	2317231	171.806	ng/ul	97
19) Hexachloroethane	8.957	117	1042798	171.258	ng/ul	95
22) Nitrobenzene	9.110	77	2866410	171.753	ng/ul	99
23) Isophorone	9.646	82	5168384	177.791	ng/ul	99
25) 2-Nitrophenol	9.816	139	1178691	201.209	ng/ul	98
26) 2,4-Dimethylphenol	9.875	107	2418688	172.278	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.128	93	3061852	165.734	ng/ul	100
29) 2,4-Dichlorophenol	10.346	162	1797755	171.823	ng/ul	100
30) Naphthalene	10.746	128	6795242	156.650	ng/ul	99
32) 4-Chloroaniline	10.869	127	2765265	162.160	ng/ul	99
33) Hexachlorobutadiene	11.016	225	1042573	161.458	ng/ul	99
34) Caprolactam	11.693	113	364494	105.202	ng/ul	95
35) 4-Chloro-3-methylphenol	11.998	107	2239518	185.314	ng/ul	96
36) 2-Methylnaphthalene	12.357	142	4266279	160.440	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	4198806	159.271	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.722	216	1839594	157.125	ng/ul	97
40) Hexachlorocyclopentadiene	12.693	237	1313713	171.664	ng/ul	99
41) 2,4,6-Trichlorophenol	12.969	196	1276350	189.138	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	1365070	180.027	ng/ul	99
43) 1,1'-Biphenyl	13.375	154	5109309	153.383	ng/ul	99
44) 2-Chloronaphthalene	13.416	162	4030653	155.691	ng/ul	97
45) 2-Nitroaniline	13.634	65	1565591	205.692	ng/ul	95
47) Dimethylphthalate	14.016	163	4936152	163.980	ng/ul	100
48) 2,6-Dinitrotoluene	14.140	165	1094421	203.180	ng/ul	95
50) Acenaphthylene	14.263	152	6556540	156.436	ng/ul	98
51) 3-Nitroaniline	14.463	138	1116035	178.022	ng/ul	99
52) Acenaphthene	14.604	153	4275711	154.435	ng/ul	96
53) 2,4-Dinitrophenol	14.669	184	605809	221.619	ng/ul	96
55) 4-Nitrophenol	14.781	109	934147	183.038	ng/ul	97
56) Dibenzofuran	14.939	168	5370227	146.889	ng/ul	94
57) 2,4-Dinitrotoluene	14.922	165	1452709	191.558	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.163	232	1025655	190.590	ng/ul	92
59) Diethylphthalate	15.381	149	5208353	168.440	ng/ul	99
61) Fluorene	15.592	166	4056284	140.363	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.586	204	1815318	140.446	ng/ul	96
63) 4-Nitroaniline	15.639	138	843110	154.075	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.686	198	797288	191.761	ng/ul#	96
67) N-Nitrosodiphenylamine	15.804	169	3851703	159.697	ng/ul	97
68) 4-Bromophenyl-phenylether	16.481	248	1222175	166.832	ng/ul	94
69) Hexachlorobenzene	16.581	284	1317108	159.509	ng/ul	100
70) Atrazine	16.775	200	1249990	165.883	ng/ul	99
71) Pentachlorophenol	16.933	266	903709	188.455	ng/ul	97
72) Phenanthrene	17.333	178	6817422	152.271	ng/ul	99
74) Anthracene	17.428	178	6778718	150.864	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.328	216	1818210	160.087	ng/uL	96
76) Pentachlorobenzene	14.851	250	1624303	159.718	ng/uL	98
77) Carbazole	17.704	167	6486494	158.052	ng/ul	98
78) Di-n-butylphthalate	18.275	149	8540457	173.054	ng/ul	98
80) Fluoranthene	19.351	202	7233938	164.326	ng/ul	99
82) Pyrene	19.722	202	7281417	156.351	ng/ul	93
83) Butylbenzylphthalate	20.633	149	3852722	202.990	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.410	252	1832402	156.660	ng/ul	95
85) Benzo(a)anthracene	21.474	228	7211108	162.553	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.416	149	5106049	173.920	ng/ul	98
87) Chrysene	21.527	228	6541982	157.358	ng/ul	99
89) Di-n-octyl phthalate	22.351	149	9873985	171.783	ng/ul	100
90) Benzo(b)fluoranthene	23.151	252	7647851	163.741	ng/ul	97
91) Benzo(k)fluoranthene	23.204	252	7418538	155.179	ng/ul	96
93) Benzo(a)pyrene	23.780	252	7217260	161.129	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.362	276	9023782	165.307	ng/ul	95
95) Dibenzo(a,h)anthracene	26.386	278	7246902	162.745	ng/ul	96
96) Benzo(g,h,i)perylene	27.127	276	7584006	166.179	ng/ul	96

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

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