Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011524\
Data File : BN029237.D
Acq On : 15 Jan 2024 15:29
Operator : MA/JU
Sample : SSTD08006
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 15 16:31:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN011524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 15 15:04:13 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTD080229

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/18/2024
Supervised By :mohammad ahmed 01/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	119574	20.000	ng/ul	0.00
20) Naphthalene-d8	10.751	136	547822	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.587	164	353765	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	783896	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	813968	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	946130	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.369	96	97100	35.355	ng/uL	0.00
4) Pyridine-d5	3.781	84	759154	84.865	ng/ul	0.00
7) Phenol-d5	7.110	99	995149	85.657	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	602658	82.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.475	132	758983	92.301	ng/ul	0.00
15) 4-Methylphenol-d8	8.663	113	797883	83.557	ng/ul	0.01
21) Nitrobenzene-d5	9.122	128	382240	100.813	ng/ul	0.01
24) 2-Nitrophenol-d4	9.834	143	364394	118.450	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.369	165	773747	94.821	ng/ul	0.00
31) 4-Chloroaniline-d4	10.899	131	1252925	82.370	ng/ul	0.01
46) Dimethylphthalate-d6	14.010	166	2540041	88.701	ng/ul	0.00
49) Acenaphthylene-d8	14.281	160	2886276	86.951	ng/ul	0.00
54) 4-Nitrophenol-d4	14.804	143	461857	96.743	ng/ul	0.02
60) Fluorene-d10	15.581	176	2152194	86.638	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	331499	111.915	ng/ul	0.01
73) Anthracene-d10	17.439	188	3462533	87.570	ng/ul	0.00
81) Pyrene-d10	19.733	212	3979860	86.427	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.810	264	4459634	89.352	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	101939	35.971	ng/uL	94
5) Pyridine	3.799	79	778841	85.451	ng/ul	97
6) Benzaldehyde	7.093	77	342906	65.230	ng/ul	97
8) Phenol	7.140	94	1000394	84.291	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.381	93	792122	82.333	ng/ul	100
12) 2-Chlorophenol	7.510	128	773547	90.970	ng/ul	97
13) 2-Methylphenol	8.393	108	770357	83.942	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.487	45	999337	80.060	ng/ul	99
16) Acetophenone	8.781	105	1322249	81.447	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.781	70	721683	82.536	ng/ul	97
18) 4-Methylphenol	8.734	108	819479	82.760	ng/ul	96
19) Hexachloroethane	9.016	117	333165	87.309	ng/ul	95
22) Nitrobenzene	9.163	77	991465	94.932	ng/ul	95
23) Isophorone	9.693	82	2030909	84.848	ng/ul	98
25) 2-Nitrophenol	9.869	139	408968	112.226	ng/ul	97
26) 2,4-Dimethylphenol	9.928	107	926879	89.440	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.181	93	1133044	85.548	ng/ul	98
29) 2,4-Dichlorophenol	10.399	162	758243	94.955	ng/ul	99
30) Naphthalene	10.799	128	2687936	86.346	ng/ul	99
32) 4-Chloroaniline	10.922	127	1207869	82.222	ng/ul	100
33) Hexachlorobutadiene	11.075	225	492018	88.674	ng/ul	97
34) Caprolactam	11.716	113	278250m	81.916	ng/ul	
35) 4-Chloro-3-methylphenol	12.046	107	886091	90.879	ng/ul	100
36) 2-Methylnaphthalene	12.410	142	1913362	86.215	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.628	142	1864634	84.776	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.775	216	972072	88.681	ng/ul	94
40) Hexachlorocyclopentadiene	12.745	237	651114	100.649	ng/ul	94
41) 2,4,6-Trichlorophenol	13.016	196	609841	100.176	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	667236	99.953	ng/ul	97
43) 1,1'-Biphenyl	13.428	154	2505674	87.937	ng/ul	98
44) 2-Chloronaphthalene	13.463	162	1985016	90.062	ng/ul	98
45) 2-Nitroaniline	13.681	65	609813	112.160	ng/ul	96
47) Dimethylphthalate	14.063	163	2570020	88.008	ng/ul	99
48) 2,6-Dinitrotoluene	14.181	165	504912	113.828	ng/ul	93
50) Acenaphthylene	14.310	152	3327036	86.592	ng/ul	100
51) 3-Nitroaniline	14.504	138	449110	91.342	ng/ul#	92
52) Acenaphthene	14.651	153	2180526	87.598	ng/ul	99
53) 2,4-Dinitrophenol	14.710	184	199535	111.836	ng/ul	96
55) 4-Nitrophenol	14.816	109	411407	95.602	ng/ul	98
56) Dibenzofuran	14.987	168	2920816	86.142	ng/ul	98
57) 2,4-Dinitrotoluene	14.969	165	740637	114.734	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.210	232	560599	103.780	ng/ul	99
59) Diethylphthalate	15.428	149	2679092	88.679	ng/ul	98
61) Fluorene	15.639	166	2528479	86.089	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.639	204	1216251	85.417	ng/ul	97
63) 4-Nitroaniline	15.681	138	399700	83.999	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.728	198	378571	110.126	ng/ul#	95
67) N-Nitrosodiphenylamine	15.857	169	2139774	89.425	ng/ul	98
68) 4-Bromophenyl-phenylether	16.534	248	771777	88.067	ng/ul	96
69) Hexachlorobenzene	16.633	284	931343	91.464	ng/ul	98
70) Atrazine	16.822	200	767538	86.197	ng/ul	100
71) Pentachlorophenol	16.981	266	522520	99.996	ng/ul	96
72) Phenanthrene	17.381	178	4056385	90.043	ng/ul	99
74) Anthracene	17.475	178	4171294	89.169	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	962567	90.946	ng/uL	96
76) Pentachlorobenzene	14.898	250	990486	90.780	ng/uL	97
77) Carbazole	17.751	167	3681479	83.938	ng/ul	98
78) Di-n-butylphthalate	18.328	149	4904369	93.304	ng/ul	99
80) Fluoranthene	19.404	202	4821000	87.803	ng/ul	98
82) Pyrene	19.769	202	5006037	86.770	ng/ul	100
83) Butylbenzylphthalate	20.686	149	2262863	100.452	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.463	252	1609709	83.648	ng/ul	99
85) Benzo(a)anthracene	21.521	228	5098627	84.286	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.474	149	3519670	95.816	ng/ul	99
87) Chrysene	21.580	228	4766927	86.426	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	5998210	90.360	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	5238727	84.014	ng/ul	97
91) Benzo(k)fluoranthene	23.274	252	5463990	91.278	ng/ul	98
93) Benzo(a)pyrene	23.863	252	5132566	89.176	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.480	276	6524689	95.278	ng/ul	98
95) Dibenzo(a,h)anthracene	26.509	278	5436278	96.286	ng/ul	98
96) Benzo(g,h,i)perylene	27.262	276	5126251	95.877	ng/ul	99

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

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