Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081424\
Data File : BG062391.D
Acq On : 14 Aug 2024 12:11
Operator : MA/JU
Sample : SSTD01047
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010432

Quant Time: Aug 14 15:21:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG081424.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 14 15:13:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	41960	20.000	ng/ul	0.00
20) Naphthalene-d8	10.755	136	190469	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.579	164	146424	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.317	188	352181	20.000	ng/ul	0.00
79) Chrysene-d12	21.564	240	393884	20.000	ng/ul	0.00
88) Perylene-d12	24.654	264	447805	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.424	96	4678	4.596	ng/uL	0.00
4) Pyridine-d5	3.829	84	35658	11.402	ng/ul	0.00
7) Phenol-d5	7.113	99	40440	10.030	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.283	67	27340	10.944	ng/ul	0.00
11) 2-Chlorophenol-d4	7.489	132	29343	10.238	ng/ul	0.00
15) 4-Methylphenol-d8	8.658	113	33027	9.790	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	12118	10.183	ng/ul	0.00
24) 2-Nitrophenol-d4	9.827	143	11104	9.823	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.373	165	32558	10.190	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	52304	11.138	ng/ul	0.00
46) Dimethylphthalate-d6	13.986	166	122954	10.845	ng/ul	0.00
49) Acenaphthylene-d8	14.274	160	134779	10.556	ng/ul	0.00
54) 4-Nitrophenol-d4	14.761	143	15900	9.703	ng/ul	0.00
60) Fluorene-d10	15.566	176	109954	10.803	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.678	200	11806	10.266	ng/ul	0.00
73) Anthracene-d10	17.416	188	184319	10.904	ng/ul	0.00
81) Pyrene-d10	19.702	212	241267	10.277	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.442	264	251674	10.553	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.459	88	5666	5.183	ng/uL#	81
5) Pyridine	3.847	79	37375	11.457	ng/ul	91
6) Benzaldehyde	7.095	77	26202	12.034	ng/ul	97
8) Phenol	7.142	94	42106	9.890	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.377	93	32733	10.406	ng/ul	97
12) 2-Chlorophenol	7.524	128	30290	10.002	ng/ul	99
13) 2-Methylphenol	8.393	108	32194	10.051	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.476	45	69274	10.739	ng/ul#	95
16) Acetophenone	8.775	105	57760	10.701	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.758	70	31546	10.990	ng/ul	97
18) 4-Methylphenol	8.717	108	36480	10.097	ng/ul	97
19) Hexachloroethane	9.045	117	12396	10.806	ng/ul	98
22) Nitrobenzene	9.151	77	34252	10.207	ng/ul	96
23) Isophorone	9.674	82	85845	10.617	ng/ul	99
25) 2-Nitrophenol	9.862	139	12261	9.191	ng/ul#	89
26) 2,4-Dimethylphenol	9.921	107	39331	10.287	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.162	93	47861	10.532	ng/ul	99
29) 2,4-Dichlorophenol	10.397	162	33280	10.232	ng/ul	98
30) Naphthalene	10.802	128	120657	11.126	ng/ul	98
32) 4-Chloroaniline	10.902	127	50092	10.917	ng/ul	98
33) Hexachlorobutadiene	11.096	225	26045	10.629	ng/ul	94
34) Caprolactam	11.648	113	12983	11.095	ng/ul	81
35) 4-Chloro-3-methylphenol	12.024	107	37985	10.316	ng/ul	97
36) 2-Methylnaphthalene	12.406	142	84980	11.280	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.629	142	85565	11.012	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.776	216	52876	11.068	ng/ul	99
40) Hexachlorocyclopentadiene	12.758	237	23586	11.968	ng/ul	99
41) 2,4,6-Trichlorophenol	13.011	196	27756	9.998	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	29848	10.074	ng/ul	92
43) 1,1'-Biphenyl	13.416	154	120078	10.921	ng/ul	98
44) 2-Chloronaphthalene	13.457	162	93028	10.906	ng/ul	99
45) 2-Nitroaniline	13.651	65	20567	9.362	ng/ul	97
47) Dimethylphthalate	14.033	163	124781	10.955	ng/ul	99
48) 2,6-Dinitrotoluene	14.144	165	14634	9.393	ng/ul	99
50) Acenaphthylene	14.297	152	145881	10.727	ng/ul	98
51) 3-Nitroaniline	14.468	138	17037	9.422	ng/ul	92
52) Acenaphthene	14.644	153	108855	10.714	ng/ul	97
53) 2,4-Dinitrophenol	14.673	184	7606	10.851	ng/ul#	83
55) 4-Nitrophenol	14.773	109	13686	9.537	ng/ul	90
56) Dibenzofuran	14.979	168	153778	10.954	ng/ul	99
57) 2,4-Dinitrotoluene	14.932	165	22679	10.291	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.202	232	28818	10.636	ng/ul	97
59) Diethylphthalate	15.396	149	125369	10.885	ng/ul	97
61) Fluorene	15.625	166	121294	10.984	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.619	204	62309	10.955	ng/ul	98
63) 4-Nitroaniline	15.631	138	18361	10.321	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.689	198	13295	10.107	ng/ul	99
67) N-Nitrosodiphenylamine	15.830	169	108961	10.412	ng/ul	99
68) 4-Bromophenyl-phenylether	16.512	248	41962	10.553	ng/ul	96
69) Hexachlorobenzene	16.623	284	49483	10.647	ng/ul	97
70) Atrazine	16.776	200	47116	11.549	ng/ul	100
71) Pentachlorophenol	16.970	266	23644	9.461	ng/ul	97
72) Phenanthrene	17.358	178	217334	10.989	ng/ul	99
74) Anthracene	17.452	178	222375	10.949	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.381	216	53134	10.309	ng/ul	99
76) Pentachlorobenzene	14.896	250	56424	10.385	ng/ul	98
77) Carbazole	17.716	167	193674	11.577	ng/ul	98
78) Di-n-butylphthalate	18.286	149	229291	11.515	ng/ul	99
80) Fluoranthene	19.367	202	269552	10.124	ng/ul	99
82) Pyrene	19.731	202	294859	10.399	ng/ul	98
83) Butylbenzylphthalate	20.624	149	94182	9.699	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.464	252	100222	11.213	ng/ul	100
85) Benzo(a)anthracene	21.540	228	309687	10.720	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.476	149	142225	9.559	ng/ul	98
87) Chrysene	21.605	228	294113	10.780	ng/ul	98
89) Di-n-octyl phthalate	22.645	149	238459	9.466	ng/ul	100
90) Benzo(b)fluoranthene	23.673	252	290964	10.740	ng/ul	100
91) Benzo(k)fluoranthene	23.743	252	293824	10.625	ng/ul	100
93) Benzo(a)pyrene	24.507	252	269224	10.469	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.137	276	338854	10.229	ng/ul	99
95) Dibenzo(a,h)anthracene	28.214	278	274203	10.112	ng/ul	99
96) Benzo(g,h,i)perylene	29.224	276	260211	10.315	ng/ul	96

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

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