Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021425\
Data File : BG064025.D
Acq On : 14 Feb 2025 9:29
Operator : RC/JU
Sample : SSTD01002
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 18 14:47:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG021425.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 14 12:34:43 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD010448

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/18/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.860	152	36168	20.000	ng/ul	0.00
20) Naphthalene-d8	10.651	136	163492	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.488	164	109487	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.232	188	238870	20.000	ng/ul	0.00
79) Chrysene-d12	21.468	240	288911	20.000	ng/ul	0.00
88) Perylene-d12	24.488	264	299350	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.342	96	4404	4.191	ng/uL	0.00
4) Pyridine-d5	3.742	84	29503	9.881	ng/ul	0.00
7) Phenol-d5	7.020	99	28918	8.848	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.196	67	20943	9.560	ng/ul	0.00
11) 2-Chlorophenol-d4	7.396	132	21748	9.418	ng/ul	0.00
15) 4-Methylphenol-d8	8.560	113	24175	8.686	ng/ul	0.00
21) Nitrobenzene-d5	9.012	128	8317	8.636	ng/ul	0.00
24) 2-Nitrophenol-d4	9.729	143	6041	7.457	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.269	165	20995	8.956	ng/ul	0.00
31) 4-Chloroaniline-d4	10.780	131	33356	8.650	ng/ul	0.00
46) Dimethylphthalate-d6	13.900	166	75308	9.130	ng/ul	0.00
49) Acenaphthylene-d8	14.182	160	93220	9.703	ng/ul	0.00
54) 4-Nitrophenol-d4	14.676	143	8268	6.370	ng/ul	0.00
60) Fluorene-d10	15.481	176	72604	9.699	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.587	200	5215	6.116	ng/ul	0.00
73) Anthracene-d10	17.332	188	112854	9.653	ng/ul	0.00
81) Pyrene-d10	19.617	212	139816	9.194	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.282	264	141480	9.333	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.377	88	4742	4.071	ng/uL#	78
5) Pyridine	3.759	79	31680	10.300	ng/ul	93
6) Benzaldehyde	7.003	77	22780	11.809	ng/ul	94
8) Phenol	7.050	94	31673	9.050	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.290	93	26597	9.703	ng/ul	98
12) 2-Chlorophenol	7.426	128	23331	9.521	ng/ul	89
13) 2-Methylphenol	8.301	108	23429	8.817	ng/ul	85
14) 2,2'-oxybis(1-Chloropr...	8.383	45	62607	9.515	ng/ul	98
16) Acetophenone	8.677	105	42449	9.052	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.665	70	21830	9.072	ng/ul	93
18) 4-Methylphenol	8.624	108	25436	8.633	ng/ul	93
19) Hexachloroethane	8.947	117	9738	9.576	ng/ul#	81
22) Nitrobenzene	9.053	77	25703	8.764	ng/ul	90
23) Isophorone	9.576	82	60747	9.108	ng/ul#	97
25) 2-Nitrophenol	9.770	139	6805	7.578	ng/ul	98
26) 2,4-Dimethylphenol	9.829	107	26902	9.287	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.064	93	35816	9.270	ng/ul	100
29) 2,4-Dichlorophenol	10.293	162	20153	9.107	ng/ul	99
30) Naphthalene	10.704	128	87113	9.642	ng/ul	96
32) 4-Chloroaniline	10.804	127	33930	9.030	ng/ul	97
33) Hexachlorobutadiene	10.992	225	17518	9.559	ng/ul	96
34) Caprolactam	11.544	113	7907m	7.639	ng/ul	
35) 4-Chloro-3-methylphenol	11.926	107	25341	8.673	ng/ul	95
36) 2-Methylnaphthalene	12.314	142	60538	9.313	ng/ul	97

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37) 1-Methylnaphthalene	12.531	142	62382	9.439	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.684	216	32485	9.736	ng/ul	90
40) Hexachlorocyclopentadiene	12.666	237	11556	8.649	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.919	196	15125	8.596	ng/ul#	93
42) 2,4,5-Trichlorophenol	12.984	196	17687	8.970	ng/ul	98
43) 1,1'-Biphenyl	13.325	154	82532	9.677	ng/ul	99
44) 2-Chloronaphthalene	13.366	162	61890	9.732	ng/ul	95
45) 2-Nitroaniline	13.560	65	12358	7.403	ng/ul	96
47) Dimethylphthalate	13.947	163	74828	9.270	ng/ul	97
48) 2,6-Dinitrotoluene	14.059	165	8730	7.209	ng/ul	91
50) Acenaphthylene	14.206	152	95252	9.600	ng/ul	98
51) 3-Nitroaniline	14.382	138	9745	7.182	ng/ul	90
52) Acenaphthene	14.553	153	69004	9.446	ng/ul	98
53) 2,4-Dinitrophenol	14.594	184	2902	5.193	ng/ul#	83
55) 4-Nitrophenol	14.688	109	9278	7.162	ng/ul#	85
56) Dibenzofuran	14.887	168	97869	9.581	ng/ul	100
57) 2,4-Dinitrotoluene	14.840	165	13803	7.761	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.111	232	13928	8.346	ng/ul	96
59) Diethylphthalate	15.316	149	74776	9.046	ng/ul	97
61) Fluorene	15.534	166	77604	9.397	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.534	204	39846	9.634	ng/ul	94
63) 4-Nitroaniline	15.540	138	11355	7.929	ng/ul#	83
66) 4,6-Dinitro-2-methylph...	15.604	198	5588	5.816	ng/ul#	87
67) N-Nitrosodiphenylamine	15.745	169	64720	9.654	ng/ul	89
68) 4-Bromophenyl-phenylether	16.427	248	24281	9.629	ng/ul	95
69) Hexachlorobenzene	16.538	284	28644	9.988	ng/ul	99
70) Atrazine	16.697	200	26716	9.986	ng/ul	95
71) Pentachlorophenol	16.879	266	9776	6.859	ng/ul	87
72) Phenanthrene	17.273	178	130297	9.806	ng/ul	98
74) Anthracene	17.361	178	134046	9.935	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.289	216	33401	10.488	ng/ul	96
76) Pentachlorobenzene	14.805	250	34822	10.144	ng/ul	98
77) Carbazole	17.631	167	119705	10.428	ng/ul	99
78) Di-n-butylphthalate	18.207	149	121362	9.321	ng/ul	99
80) Fluoranthene	19.282	202	155352	9.041	ng/ul	96
82) Pyrene	19.647	202	174769	9.264	ng/ul	98
83) Butylbenzylphthalate	20.551	149	43813	8.295	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.368	252	50880	9.390	ng/ul	95
85) Benzo(a)anthracene	21.450	228	183889	9.568	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	72845	8.392	ng/ul	98
87) Chrysene	21.509	228	187014	9.821	ng/ul	98
89) Di-n-octyl phthalate	22.537	149	121757	7.969	ng/ul	100
90) Benzo(b)fluoranthene	23.536	252	166286	9.402	ng/ul	96
91) Benzo(k)fluoranthene	23.601	252	183592	9.840	ng/ul	98
93) Benzo(a)pyrene	24.347	252	160436	9.444	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.902	276	189825	9.276	ng/ul#	91
95) Dibenzo(a,h)anthracene	27.960	278	155909m	9.408	ng/ul	
96) Benzo(g,h,i)perylene	28.959	276	150002	9.289	ng/ul	96

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

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