Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010625\
Data File : BG063939.D
Acq On : 6 Jan 2025 14:50
Operator : RC/JU
Sample : SSTD01095
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD010444

Quant Time: Jan 06 16:21:57 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010625.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 06 16:14:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.785	152	93881	20.000	ng/ul	0.00
20) Naphthalene-d8	10.582	136	356098	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.436	164	252625	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.197	188	588309	20.000	ng/ul	0.00
79) Chrysene-d12	21.451	240	689508	20.000	ng/ul	0.00
88) Perylene-d12	24.483	264	719280	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.255	96	9524	3.439	ng/uL	0.00
4) Pyridine-d5	3.666	84	72989	8.651	ng/ul	0.00
7) Phenol-d5	6.980	99	78028	9.360	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.121	67	55780	9.459	ng/ul	0.00
11) 2-Chlorophenol-d4	7.332	132	52376	9.568	ng/ul	0.00
15) 4-Methylphenol-d8	8.513	113	57716	9.236	ng/ul	0.00
21) Nitrobenzene-d5	8.948	128	25271	9.349	ng/ul	0.00
24) 2-Nitrophenol-d4	9.671	143	27105	9.349	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.223	165	55654	9.570	ng/ul	0.00
31) 4-Chloroaniline-d4	10.723	131	68851	9.363	ng/ul	0.00
46) Dimethylphthalate-d6	13.842	166	185328	10.243	ng/ul	0.00
49) Acenaphthylene-d8	14.130	160	211161	9.847	ng/ul	0.00
54) 4-Nitrophenol-d4	14.677	143	18017	7.318	ng/ul	0.00
60) Fluorene-d10	15.435	176	161703	10.014	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.576	200	23069	7.486	ng/ul	0.00
73) Anthracene-d10	17.297	188	283622	9.952	ng/ul	0.00
81) Pyrene-d10	19.594	212	355248	10.021	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.277	264	356625	9.783	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.284	88	11057	3.505	ng/uL#	81
5) Pyridine	3.684	79	78296	8.897	ng/ul	95
6) Benzaldehyde	6.933	77	60840	12.062	ng/ul	94
8) Phenol	7.003	94	82768	9.326	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.215	93	70336	9.880	ng/ul	97
12) 2-Chlorophenol	7.362	128	54233	9.604	ng/ul	97
13) 2-Methylphenol	8.249	108	55974	8.979	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.308	45	98352	9.593	ng/ul	96
16) Acetophenone	8.613	105	108748	10.064	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.590	70	59197	9.531	ng/ul#	93
18) 4-Methylphenol	8.572	108	62721	9.247	ng/ul	97
19) Hexachloroethane	8.866	117	26057	9.831	ng/ul	93
22) Nitrobenzene	8.983	77	88746	9.652	ng/ul	93
23) Isophorone	9.506	82	163315	9.889	ng/ul	96
25) 2-Nitrophenol	9.700	139	26667	9.126	ng/ul#	88
26) 2,4-Dimethylphenol	9.771	107	65734	9.977	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.994	93	95127	10.184	ng/ul	94
29) 2,4-Dichlorophenol	10.247	162	58377	10.191	ng/ul	87
30) Naphthalene	10.629	128	185591	9.918	ng/ul	96
32) 4-Chloroaniline	10.752	127	67320	9.641	ng/ul	97
33) Hexachlorobutadiene	10.916	225	48793	10.316	ng/ul	96
34) Caprolactam	11.510	113	20135m	9.911	ng/ul	
35) 4-Chloro-3-methylphenol	11.892	107	60024	9.960	ng/ul	94
36) 2-Methylnaphthalene	12.250	142	131095	9.970	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.468	142	128271	9.830	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.626	216	87291	9.876	ng/ul	94
40) Hexachlorocyclopentadiene	12.603	237	29990	9.009	ng/ul#	83
41) 2,4,6-Trichlorophenol	12.873	196	44912	9.541	ng/ul	99
42) 2,4,5-Trichlorophenol	12.961	196	44409	9.271	ng/ul	98
43) 1,1'-Biphenyl	13.267	154	181304	9.973	ng/ul	100
44) 2-Chloronaphthalene	13.308	162	147674	10.051	ng/ul	97
45) 2-Nitroaniline	13.519	65	44064	9.608	ng/ul	92
47) Dimethylphthalate	13.889	163	185602	10.203	ng/ul	98
48) 2,6-Dinitrotoluene	14.019	165	32986	9.518	ng/ul	90
50) Acenaphthylene	14.160	152	221070	9.810	ng/ul	97
51) 3-Nitroaniline	14.354	138	29430	9.442	ng/ul	93
52) Acenaphthene	14.500	153	158682	9.981	ng/ul	97
53) 2,4-Dinitrophenol	14.583	184	13883	7.989	ng/ul#	87
55) 4-Nitrophenol	14.694	109	16419	7.395	ng/ul	91
56) Dibenzofuran	14.841	168	234502	10.183	ng/ul	98
57) 2,4-Dinitrotoluene	14.818	165	52360	10.116	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.082	232	36523	9.232	ng/ul	93
59) Diethylphthalate	15.264	149	177806	10.221	ng/ul	97
61) Fluorene	15.493	166	183511	10.275	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.488	204	98698	10.101	ng/ul	99
63) 4-Nitroaniline	15.517	138	28825	9.444	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.599	198	24666	7.775	ng/ul#	98
67) N-Nitrosodiphenylamine	15.705	169	151780	9.845	ng/ul	95
68) 4-Bromophenyl-phenylether	16.381	248	62324	9.577	ng/ul	95
69) Hexachlorobenzene	16.504	284	72583	9.905	ng/ul	95
70) Atrazine	16.657	200	69204	9.934	ng/ul	93
71) Pentachlorophenol	16.868	266	15476m	6.131	ng/ul	
72) Phenanthrene	17.238	178	325473	10.036	ng/ul	98
74) Anthracene	17.332	178	326577	9.971	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.231	216	86008	9.627	ng/ul	96
76) Pentachlorobenzene	14.765	250	89662	9.884	ng/ul	99
77) Carbazole	17.603	167	274742	10.059	ng/ul	99
78) Di-n-butylphthalate	18.161	149	305051	9.958	ng/ul	99
80) Fluoranthene	19.265	202	401871	9.961	ng/ul	98
82) Pyrene	19.624	202	447939	10.267	ng/ul	98
83) Butylbenzylphthalate	20.523	149	109567	9.332	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.357	252	107022	9.126	ng/ul#	93
85) Benzo(a)anthracene	21.433	228	445626	9.914	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.345	149	180961	9.689	ng/ul	98
87) Chrysene	21.498	228	421535	9.713	ng/ul	98
89) Di-n-octyl phthalate	22.485	149	302803	8.931	ng/ul	100
90) Benzo(b)fluoranthene	23.525	252	424460	9.751	ng/ul	98
91) Benzo(k)fluoranthene	23.584	252	435123	9.577	ng/ul	97
93) Benzo(a)pyrene	24.336	252	399094	9.608	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.897	276	470412	9.422	ng/ul	98
95) Dibenzo(a,h)anthracene	27.938	278	381873	9.595	ng/ul	97
96) Benzo(g,h,i)perylene	28.960	276	367357	9.317	ng/ul	97

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

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