Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112624\
Data File : BG063576.D
Acq On : 27 Nov 2024 1:09
Operator : RC/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020555

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 27 01:59:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG112024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 14:52:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.825	152	99123	20.000	ng/ul	0.00
20) Naphthalene-d8	10.616	136	419122	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.464	164	324632	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.220	188	776981	20.000	ng/ul	0.00
79) Chrysene-d12	21.479	240	880223	20.000	ng/ul	0.00
88) Perylene-d12	24.511	264	961343	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.295	96	19396m	7.723	ng/uL	0.00
4) Pyridine-d5	3.700	84	152450	19.366	ng/ul	0.00
7) Phenol-d5	7.002	99	168764	20.701	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.155	67	112792	21.572	ng/ul	0.00
11) 2-Chlorophenol-d4	7.367	132	124674	21.579	ng/ul	0.00
15) 4-Methylphenol-d8	8.536	113	143173	21.016	ng/ul	0.00
21) Nitrobenzene-d5	8.982	128	65398	21.728	ng/ul	0.00
24) 2-Nitrophenol-d4	9.699	143	74269	19.974	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.245	165	146982	20.711	ng/ul	0.00
31) 4-Chloroaniline-d4	10.757	131	181450	20.214	ng/ul	0.00
46) Dimethylphthalate-d6	13.877	166	465070	21.103	ng/ul	0.00
49) Acenaphthylene-d8	14.159	160	532981	21.208	ng/ul	0.00
54) 4-Nitrophenol-d4	14.681	143	58291	17.802	ng/ul	0.00
60) Fluorene-d10	15.463	176	424707	21.209	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	93409	21.384	ng/ul	0.00
73) Anthracene-d10	17.320	188	718390	21.282	ng/ul	0.00
81) Pyrene-d10	19.617	212	944458	21.405	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.305	264	989922	21.230	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.330	88	21117	7.121	ng/uL#	90
5) Pyridine	3.718	79	145845	18.208	ng/ul	97
6) Benzaldehyde	6.967	77	123899	26.553	ng/ul	90
8) Phenol	7.032	94	183652	20.659	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.249	93	135285	21.084	ng/ul	99
12) 2-Chlorophenol	7.390	128	124348	20.164	ng/ul	98
13) 2-Methylphenol	8.271	108	141149	21.341	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.342	45	197485	21.010	ng/ul#	94
16) Acetophenone	8.647	105	230892	21.456	ng/ul	93
17) N-Nitroso-di-n-propyla...	8.630	70	126507	21.035	ng/ul#	93
18) 4-Methylphenol	8.600	108	154020	21.231	ng/ul	95
19) Hexachloroethane	8.900	117	56705	21.292	ng/ul	91
22) Nitrobenzene	9.023	77	197032	21.339	ng/ul#	96
23) Isophorone	9.540	82	342162	20.294	ng/ul	97
25) 2-Nitrophenol	9.734	139	79101	21.443	ng/ul	98
26) 2,4-Dimethylphenol	9.799	107	168560	21.197	ng/ul	94
27) Bis(2-Chloroethoxy)met...	10.028	93	185837	19.911	ng/ul	97
29) 2,4-Dichlorophenol	10.269	162	138337	19.951	ng/ul	99
30) Naphthalene	10.663	128	451599	21.078	ng/ul#	95
32) 4-Chloroaniline	10.774	127	172028	20.056	ng/ul	99
33) Hexachlorobutadiene	10.951	225	124082	20.062	ng/ul	99
34) Caprolactam	11.520	113	46610	19.945	ng/ul#	88
35) 4-Chloro-3-methylphenol	11.914	107	151699	21.496	ng/ul	92
36) 2-Methylnaphthalene	12.278	142	320185	21.054	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.502	142	332902	20.848	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.654	216	231981	20.335	ng/ul	97
40) Hexachlorocyclopentadiene	12.631	237	86671	17.812	ng/ul	99
41) 2,4,6-Trichlorophenol	12.895	196	123697	19.761	ng/ul	98
42) 2,4,5-Trichlorophenol	12.978	196	126237	19.541	ng/ul	97
43) 1,1'-Biphenyl	13.295	154	461116	21.403	ng/ul	98
44) 2-Chloronaphthalene	13.336	162	349123	20.623	ng/ul	94
45) 2-Nitroaniline	13.542	65	117799	22.077	ng/ul	90
47) Dimethylphthalate	13.918	163	429949	20.024	ng/ul#	99
48) 2,6-Dinitrotoluene	14.047	165	91634	21.036	ng/ul	92
50) Acenaphthylene	14.188	152	528099	20.903	ng/ul	97
51) 3-Nitroaniline	14.376	138	89376	22.402	ng/ul	98
52) Acenaphthene	14.529	153	388094	21.269	ng/ul	99
53) 2,4-Dinitrophenol	14.593	184	38155	17.060	ng/ul	86
55) 4-Nitrophenol	14.699	109	72526	19.059	ng/ul	93
56) Dibenzofuran	14.869	168	546837	20.888	ng/ul	99
57) 2,4-Dinitrotoluene	14.834	165	143522	21.531	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.099	232	118632	19.325	ng/ul#	91
59) Diethylphthalate	15.287	149	459713	21.196	ng/ul	95
61) Fluorene	15.516	166	469834	21.083	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.510	204	274178	20.618	ng/ul	96
63) 4-Nitroaniline	15.539	138	94865	23.226	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.610	198	96197	20.609	ng/ul#	97
67) N-Nitrosodiphenylamine	15.727	169	384408	20.839	ng/ul	96
68) 4-Bromophenyl-phenylether	16.409	248	185803	21.342	ng/ul	97
69) Hexachlorobenzene	16.532	284	187431	20.535	ng/ul	94
70) Atrazine	16.679	200	191959	21.538	ng/ul	97
71) Pentachlorophenol	16.879	266	69994m	16.398	ng/ul	
72) Phenanthrene	17.261	178	801916	21.651	ng/ul	98
74) Anthracene	17.349	178	809403	21.401	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.260	216	232706	20.583	ng/ul	90
76) Pentachlorobenzene	14.793	250	231869	20.769	ng/ul	90
77) Carbazole	17.625	167	707317	22.540	ng/ul	100
78) Di-n-butylphthalate	18.189	149	796835	22.150	ng/ul	98
80) Fluoranthene	19.282	202	1052445	21.572	ng/ul	99
82) Pyrene	19.646	202	1131523	21.644	ng/ul	99
83) Butylbenzylphthalate	20.545	149	365016	21.516	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.379	252	434367	22.972	ng/ul	97
85) Benzo(a)anthracene	21.456	228	1236140	21.719	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.374	149	529695	21.481	ng/ul	100
87) Chrysene	21.520	228	1144162	21.499	ng/ul	98
89) Di-n-octyl phthalate	22.519	149	924020	21.663	ng/ul	100
90) Benzo(b)fluoranthene	23.553	252	1237587	21.442	ng/ul	100
91) Benzo(k)fluoranthene	23.618	252	1221994	21.099	ng/ul	99
93) Benzo(a)pyrene	24.364	252	1145304	21.201	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	27.937	276	1364658	20.367	ng/ul	99
95) Dibenzo(a,h)anthracene	27.989	278	1129071	20.612	ng/ul	96
96) Benzo(g,h,i)perylene	29.000	276	1067159	21.005	ng/ul	97

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

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