Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101923\
Data File : BG059485.D
Acq On : 19 Oct 2023 9:51
Operator : MA/JU
Sample : SSTD00555
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005427

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/20/2023
Supervised By :mohammad ahmed 10/20/2023

Quant Time: Oct 20 03:29:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG101923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 20 02:34:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.186	152	36068	20.000	ng/ul	# 0.00
20) Naphthalene-d8	11.029	136	166042	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.831	164	109637	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	270480	20.000	ng/ul	0.00
79) Chrysene-d12	21.875	240	270639	20.000	ng/ul	0.00
88) Perylene-d12	25.318	264	323685	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.468	96	2802m	2.437	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	7.704	132	16458	5.733	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.384	128	8497	5.244	ng/ul	0.00
24) 2-Nitrophenol-d4	10.107	143	7573	4.748	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.624	165	15820	5.361	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.226	166	59324	5.572	ng/ul	0.00
49) Acenaphthylene-d8	14.531	160	66293	5.409	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.818	176	52971	5.827	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.674	188	87368	5.866	ng/ul	0.00
81) Pyrene-d10	19.954	212	102395	5.766	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.072	264	100357	5.418	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.509	88	3665m	2.773	ng/uL	
12) 2-Chlorophenol	7.739	128	16933	5.850	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.991	70	12980	5.345	ng/ul#	67
19) Hexachloroethane	9.267	117	7190	6.038	ng/ul	89
22) Nitrobenzene	9.431	77	18728	5.020	ng/ul#	90
23) Isophorone	9.936	82	38823	5.426	ng/ul	98
25) 2-Nitrophenol	10.142	139	9163m	5.458	ng/ul	
26) 2,4-Dimethylphenol	10.166	107	17083	5.358	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.418	93	27656	6.219	ng/ul	95
29) 2,4-Dichlorophenol	10.659	162	17056	5.751	ng/ul	90
30) Naphthalene	11.076	128	60770	5.824	ng/ul	96
33) Hexachlorobutadiene	11.317	225	11342	5.962	ng/ul#	72
35) 4-Chloro-3-methylphenol	12.287	107	15907	5.456	ng/ul#	84
36) 2-Methylnaphthalene	12.669	142	41412	6.014	ng/ul	92
37) 1-Methylnaphthalene	12.892	142	40565	5.779	ng/ul	83
39) 1,2,4,5-Tetrachloroben...	13.015	216	21452	5.807	ng/ul	90
41) 2,4,6-Trichlorophenol	13.262	196	12507	5.515	ng/ul	82
42) 2,4,5-Trichlorophenol	13.332	196	15677	6.045	ng/ul	94
43) 1,1'-Biphenyl	13.667	154	55914	5.443	ng/ul	95
44) 2-Chloronaphthalene	13.714	162	44156	5.467	ng/ul	97
45) 2-Nitroaniline	13.938	65	12054	4.578	ng/ul	95
47) Dimethylphthalate	14.273	163	57978	5.516	ng/ul#	95
48) 2,6-Dinitrotoluene	14.414	165	11416	5.517	ng/ul	95
50) Acenaphthylene	14.560	152	70369	5.332	ng/ul	96

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52) Acenaphthene	14.895	153	48826	5.742	ng/ul	91
56) Dibenzofuran	15.224	168	65404	5.704	ng/ul	97
57) 2,4-Dinitrotoluene	15.195	165	15916	5.621	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.442	232	12708	5.469	ng/ul#	91
59) Diethylphthalate	15.618	149	58280	6.075	ng/ul#	95
61) Fluorene	15.877	166	56341	5.870	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.859	204	30303	6.189	ng/ul	94
67) N-Nitrosodiphenylamine	16.076	169	47509	5.685	ng/ul	97
68) 4-Bromophenyl-phenylether	16.758	248	17492	5.734	ng/ul#	90
69) Hexachlorobenzene	16.846	284	19213	5.560	ng/ul	91
72) Phenanthrene	17.622	178	104313	5.910	ng/ul	98
74) Anthracene	17.716	178	106453	5.858	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.620	216	22690	5.702	ng/uL	97
76) Pentachlorobenzene	15.119	250	22476	5.767	ng/uL	91
78) Di-n-butylphthalate	18.497	149	97912	5.508	ng/ul	98
80) Fluoranthene	19.619	202	128062	5.848	ng/ul	96
82) Pyrene	19.984	202	134591	5.831	ng/ul	99
83) Butylbenzylphthalate	20.835	149	42248	5.273	ng/ul	95
85) Benzo(a)anthracene	21.852	228	130190	5.812	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.682	149	62631	5.358	ng/ul	96
87) Chrysene	21.922	228	122736	5.861	ng/ul	98
90) Benzo(b)fluoranthene	24.202	252	126693	5.497	ng/ul	98
91) Benzo(k)fluoranthene	24.278	252	130280m	5.468	ng/ul	
93) Benzo(a)pyrene	25.148	252	121092	5.516	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	29.279	276	134711m	5.379	ng/ul	
95) Dibenzo(a,h)anthracene	29.367	278	108770	5.351	ng/ul	95
96) Benzo(g,h,i)perylene	30.553	276	128567	6.108	ng/ul	99

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

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