Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070224\
Data File : BG061850.D
Acq On : 2 Jul 2024 18:39
Operator : MA/JU
Sample : SSTD00516
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD005446

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 03 02:17:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 02:04:38 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	44898	20.000	ng/ul	0.00
20) Naphthalene-d8	10.912	136	234505	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.719	164	169764	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	422114	20.000	ng/ul	0.00
79) Chrysene-d12	21.722	240	378648	20.000	ng/ul	0.00
88) Perylene-d12	24.972	264	438369	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.491	96	2200	1.770	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	7.627	132	16479	4.927	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.261	128	8637	5.424	ng/ul	0.00
24) 2-Nitrophenol-d4	9.983	143	9050	5.612	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.530	165	19061	4.992	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.120	166	71685	5.487	ng/ul	0.00
49) Acenaphthylene-d8	14.413	160	71815	5.016	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.712	176	60323	5.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.563	188	101562	5.271	ng/ul	0.00
81) Pyrene-d10	19.836	212	113600	5.371	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.731	264	110125	5.260	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.526	88	2846	1.843	ng/uL#	76
12) 2-Chlorophenol	7.662	128	15601	4.649	ng/ul#	81
17) N-Nitroso-di-n-propyla...	8.902	70	17808	5.343	ng/ul#	96
19) Hexachloroethane	9.184	117	7667	5.698	ng/ul	97
22) Nitrobenzene	9.308	77	24682	5.381	ng/ul	92
23) Isophorone	9.830	82	60709	5.755	ng/ul	96
25) 2-Nitrophenol	10.013	139	9595	5.690	ng/ul	93
26) 2,4-Dimethylphenol	10.071	107	24208	5.133	ng/ul#	90
27) Bis(2-Chloroethoxy)met...	10.306	93	32688	5.478	ng/ul#	95
29) 2,4-Dichlorophenol	10.553	162	19036	5.441	ng/ul	91
30) Naphthalene	10.964	128	63526	4.841	ng/ul	97
33) Hexachlorobutadiene	11.235	225	13799	5.710	ng/ul	97
35) 4-Chloro-3-methylphenol	12.181	107	24155	4.937	ng/ul#	88
36) 2-Methylnaphthalene	12.563	142	46495	5.022	ng/ul	84
37) 1-Methylnaphthalene	12.774	142	48898	4.950	ng/ul#	95
39) 1,2,4,5-Tetrachloroben...	12.915	216	25289	5.264	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.156	196	16817	5.425	ng/ul#	85
42) 2,4,5-Trichlorophenol	13.232	196	18959	5.611	ng/ul	95
43) 1,1'-Biphenyl	13.561	154	66193	5.383	ng/ul	96
44) 2-Chloronaphthalene	13.603	162	50548	5.351	ng/ul	99
45) 2-Nitroaniline	13.802	65	17948	5.550	ng/ul	98
47) Dimethylphthalate	14.167	163	70083	5.402	ng/ul#	96
48) 2,6-Dinitrotoluene	14.290	165	11705	5.437	ng/ul	90
50) Acenaphthylene	14.449	152	82540	5.165	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.784	153	55784	5.040	ng/ul	95
56) Dibenzofuran	15.118	168	80311	5.185	ng/ul	94
57) 2,4-Dinitrotoluene	15.077	165	17828	5.579	ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.342	232	15915	4.804	ng/ul	93
59) Diethylphthalate	15.524	149	76369	5.716	ng/ul	97
61) Fluorene	15.765	166	74325	5.799	ng/ul#	96
62) 4-Chlorophenyl-phenyle...	15.753	204	35186	5.530	ng/ul#	85
67) N-Nitrosodiphenylamine	15.970	169	58459	5.355	ng/ul	97
68) 4-Bromophenyl-phenylether	16.652	248	24098	5.545	ng/ul	97
69) Hexachlorobenzene	16.764	284	28453	5.395	ng/ul	90
72) Phenanthrene	17.504	178	114684	5.164	ng/ul	95
74) Anthracene	17.598	178	120082	5.288	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.520	216	24751	5.263	ng/ul	93
76) Pentachlorobenzene	15.030	250	29064	5.146	ng/ul	88
78) Di-n-butylphthalate	18.415	149	130691	5.667	ng/ul	98
80) Fluoranthene	19.507	202	138662	5.650	ng/ul#	95
82) Pyrene	19.866	202	141716	5.431	ng/ul	98
83) Butylbenzylphthalate	20.747	149	60275	6.344	ng/ul	91
85) Benzo(a)anthracene	21.705	228	141457	5.322	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.605	149	87486	6.264	ng/ul	98
87) Chrysene	21.769	228	135867	5.402	ng/ul	100
90) Benzo(b)fluoranthene	23.937	252	146619	5.564	ng/ul	97
91) Benzo(k)fluoranthene	24.002	252	145720	5.377	ng/ul	97
93) Benzo(a)pyrene	24.813	252	137280	5.411	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.661	276	174140m	5.508	ng/ul	
95) Dibenzo(a,h)anthracene	28.720	278	143427m	5.456	ng/ul	
96) Benzo(g,h,i)perylene	29.819	276	138538m	5.436	ng/ul	

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

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