Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG091923\
Data File : BG059093.D
Acq On : 19 Sep 2023 17:40
Operator : MA/JU
Sample : SSTD00525
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 20 04:04:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG091923.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 03:48:48 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005428

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/20/2023
Supervised By :mohammad ahmed 09/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.299	152	30000	20.000	ng/ul	0.00
20) Naphthalene-d8	11.143	136	146198	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.926	164	93737	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.676	188	228372	20.000	ng/ul	0.00
79) Chrysene-d12	21.995	240	206221	20.000	ng/ul	0.00
88) Perylene-d12	25.549	264	242656	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.616	96	1575	2.289	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	7.811	132	9889	4.451	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.492	128	4868	4.096	ng/ul	0.00
24) 2-Nitrophenol-d4	10.214	143	4816	4.115	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.731	165	9712	4.280	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.321	166	35172	4.864	ng/ul	0.00
49) Acenaphthylene-d8	14.627	160	41254	5.163	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.914	176	31419	4.985	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.776	188	48233	4.640	ng/ul	0.00
81) Pyrene-d10	20.050	212	59306	5.023	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.297	264	54131	4.520	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.646	88	2022	2.122	ng/uL	97
12) 2-Chlorophenol	7.846	128	9909	4.328	ng/ul#	89
17) N-Nitroso-di-n-propyla...	9.098	70	8596	4.182	ng/ul#	94
19) Hexachloroethane	9.374	117	4040	4.389	ng/ul#	77
22) Nitrobenzene	9.533	77	11751	4.095	ng/ul#	86
23) Isophorone	10.044	82	25974	4.491	ng/ul#	96
25) 2-Nitrophenol	10.244	139	6047	4.623	ng/ul#	86
26) 2,4-Dimethylphenol	10.267	107	11317	4.382	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.526	93	16285	4.822	ng/ul	95
29) 2,4-Dichlorophenol	10.761	162	9962	4.353	ng/ul#	79
30) Naphthalene	11.190	128	36607	4.638	ng/ul	98
33) Hexachlorobutadiene	11.425	225	6261	4.652	ng/ul#	79
35) 4-Chloro-3-methylphenol	12.376	107	10848	4.072	ng/ul	91
36) 2-Methylnaphthalene	12.770	142	25371	4.747	ng/ul	98
37) 1-Methylnaphthalene	12.993	142	24823	4.548	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	13.117	216	12594	4.990	ng/ul	97
41) 2,4,6-Trichlorophenol	13.352	196	7920	4.356	ng/ul	95
42) 2,4,5-Trichlorophenol	13.422	196	8538	4.322	ng/ul	95
43) 1,1'-Biphenyl	13.763	154	35287	5.128	ng/ul#	96
44) 2-Chloronaphthalene	13.816	162	26418	4.703	ng/ul	94
45) 2-Nitroaniline	14.033	65	8350	4.312	ng/ul	88
47) Dimethylphthalate	14.368	163	36166	4.925	ng/ul	97
48) 2,6-Dinitrotoluene	14.503	165	5291	3.641	ng/ul#	81
50) Acenaphthylene	14.662	152	45663	4.919	ng/ul	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52) Acenaphthene	14.991	153	30574	5.026	ng/ul	95
56) Dibenzofuran	15.320	168	40831	4.741	ng/ul	97
57) 2,4-Dinitrotoluene	15.285	165	8607	4.129	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.532	232	8462	4.798	ng/ul#	85
59) Diethylphthalate	15.708	149	36175	4.850	ng/ul	96
61) Fluorene	15.966	166	34002	4.615	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.955	204	17354	5.092	ng/ul	98
67) N-Nitrosodiphenylamine	16.172	169	28596	4.332	ng/ul	96
68) 4-Bromophenyl-phenylether	16.854	248	10328	4.571	ng/ul	91
69) Hexachlorobenzene	16.942	284	12159	4.772	ng/ul	95
72) Phenanthrene	17.717	178	62421	4.903	ng/ul	99
74) Anthracene	17.811	178	61958	4.699	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.722	216	13192	4.713	ng/uL	97
76) Pentachlorobenzene	15.214	250	12548	4.676	ng/uL	97
78) Di-n-butylphthalate	18.593	149	63303	4.169	ng/ul	97
80) Fluoranthene	19.709	202	75601	5.103	ng/ul	98
82) Pyrene	20.079	202	78737	5.089	ng/ul	97
83) Butylbenzylphthalate	20.937	149	27502	4.454	ng/ul	94
85) Benzo(a)anthracene	21.977	228	72750	4.893	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.812	149	39504	4.209	ng/ul#	96
87) Chrysene	22.047	228	68227	4.951	ng/ul	100
90) Benzo(b)fluoranthene	24.392	252	68012	4.471	ng/ul	95
91) Benzo(k)fluoranthene	24.468	252	72571	4.774	ng/ul	96
93) Benzo(a)pyrene	25.373	252	66288	4.607	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	29.639	276	76491m	4.731	ng/ul	
95) Dibenzo(a,h)anthracene	29.727	278	61359m	4.756	ng/ul	
96) Benzo(g,h,i)perylene	30.949	276	61046m	4.633	ng/ul	

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

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