Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092723\
Data File : BG059217.D
Acq On : 27 Sep 2023 18:53
Operator : MA/JU
Sample : SSTD00531
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 28 04:00:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG092723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 28 03:42:12 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005435

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
Supervised By :mohammad ahmed 09/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	42753	20.000	ng/ul	0.00
20) Naphthalene-d8	11.074	136	200718	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.869	164	123777	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.619	188	288839	20.000	ng/ul	0.00
79) Chrysene-d12	21.926	240	288123	20.000	ng/ul	0.00
88) Perylene-d12	25.410	264	341329	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.530	96	2537m	2.301	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	7.748	132	12651	4.153	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.423	128	6225	4.148	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.151	143	5494	3.610	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.680	165	11627	3.967	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.264	166	43172	4.605	ng/ul	0.00
49) Acenaphthylene-d8	14.570	160	52465	4.554	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.856	176	41539	4.815	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.719	188	66248m	5.091	ng/ul	0.00
81) Pyrene-d10	19.993	212	75313	4.543	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.169	264	76891	4.659	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.565	88	3528	2.793	ng/uL#	81
12) 2-Chlorophenol	7.783	128	13133	4.208	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.035	70	12220	4.679	ng/ul	95
19) Hexachloroethane	9.323	117	5599	4.555	ng/ul#	86
22) Nitrobenzene	9.476	77	16222	4.637	ng/ul#	82
23) Isophorone	9.981	82	35553	4.768	ng/ul#	94
25) 2-Nitrophenol	10.181	139	6054	3.571	ng/ul#	93
26) 2,4-Dimethylphenol	10.204	107	14700m	4.466	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.468	93	21893	4.659	ng/ul#	93
29) 2,4-Dichlorophenol	10.703	162	12497	4.215	ng/ul#	84
30) Naphthalene	11.127	128	52437	4.911	ng/ul	96
33) Hexachlorobutadiene	11.356	225	9138	4.801	ng/ul	96
35) 4-Chloro-3-methylphenol	12.325	107	13144	4.180	ng/ul#	83
36) 2-Methylnaphthalene	12.713	142	33655	4.719	ng/ul	88
37) 1-Methylnaphthalene	12.930	142	33378	4.618	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.054	216	18926	5.244	ng/ul	93
41) 2,4,6-Trichlorophenol	13.300	196	10229	4.355	ng/ul	96
42) 2,4,5-Trichlorophenol	13.371	196	10971m	4.322	ng/ul	
43) 1,1'-Biphenyl	13.706	154	48185	4.863	ng/ul	99
44) 2-Chloronaphthalene	13.759	162	36085	4.793	ng/ul	95
45) 2-Nitroaniline	13.970	65	8053	3.453	ng/ul#	73
47) Dimethylphthalate	14.311	163	44630	4.654	ng/ul#	96
48) 2,6-Dinitrotoluene	14.452	165	6309	3.676	ng/ul#	87
50) Acenaphthylene	14.599	152	56830	4.604	ng/ul#	96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	14.934	153	39887	4.767	ng/ul	94
56)	Dibenzofuran	15.263	168	53585	4.822	ng/ul	91
57)	2,4-Dinitrotoluene	15.233	165	9349	3.733	ng/ul#	88
58)	2,3,4,6-Tetrachlorophenol	15.474	232	9735	4.196	ng/ul#	96
59)	Diethylphthalate	15.656	149	43165	4.603	ng/ul	95
61)	Fluorene	15.915	166	45674	4.871	ng/ul	94
62)	4-Chlorophenyl-phenyle...	15.897	204	22902	4.888	ng/ul	90
67)	N-Nitrosodiphenylamine	16.121	169	36963	4.821	ng/ul	94
68)	4-Bromophenyl-phenylether	16.796	248	13761	4.956	ng/ul#	80
69)	Hexachlorobenzene	16.884	284	15580	4.896	ng/ul	92
72)	Phenanthrene	17.660	178	78816	4.930	ng/ul	97
74)	Anthracene	17.754	178	80427	4.915	ng/ul	95
75)	1,2,3,4-Tetrachloroben...	13.671	216	17699	4.633	ng/uL	94
76)	Pentachlorobenzene	15.163	250	18506	5.170	ng/uL	97
78)	Di-n-butylphthalate	18.541	149	74775	4.519	ng/ul	100
80)	Fluoranthene	19.658	202	88966	4.307	ng/ul#	92
82)	Pyrene	20.022	202	99654	4.606	ng/ul	95
83)	Butylbenzylphthalate	20.880	149	31781	4.087	ng/ul	97
85)	Benzo(a)anthracene	21.902	228	95526	4.606	ng/ul	97
86)	Bis(2-ethylhexyl)phtha...	21.738	149	47782	4.080	ng/ul#	97
87)	Chrysene	21.973	228	96159	4.992	ng/ul	96
90)	Benzo(b)fluoranthene	24.276	252	95603	4.633	ng/ul#	96
91)	Benzo(k)fluoranthene	24.352	252	103431	4.852	ng/ul#	97
93)	Benzo(a)pyrene	25.239	252	95458	4.832	ng/ul#	93
94)	Indeno(1,2,3-cd)pyrene	29.429	276	103484m	4.581	ng/ul	
95)	Dibenzo(a,h)anthracene	29.517	278	86532m	4.763	ng/ul	
96)	Benzo(g,h,i)perylene	30.709	276	87135m	4.798	ng/ul	

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

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