Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058916.D
Acq On : 8 Sep 2023 10:41
Operator : MA/JU
Sample : SSTD00501
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 08 23:36:58 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 08 22:56:23 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD005449

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/09/2023
Supervised By :mohammad ahmed 09/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	47067	20.000	ng/ul	0.00
20) Naphthalene-d8	11.181	136	206678	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.965	164	188913	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.715	188	544441	20.000	ng/ul	0.00
79) Chrysene-d12	22.045	240	465308	20.000	ng/ul	0.00
88) Perylene-d12	25.623	264	529750	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.637	96	2148	2.197	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	7.844	132	11737	4.215	ng/ul	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	9.530	128	4339	3.564	ng/ul	0.00
24) 2-Nitrophenol-d4	10.253	143	4694	3.520	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.770	165	15915	4.113	ng/ul	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	14.360	166	70203	4.814	ng/ul	0.00
49) Acenaphthylene-d8	14.660	160	73901	4.688	ng/ul	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	15.946	176	65889	4.794	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	17.809	188	122039	4.927	ng/ul	0.00
81) Pyrene-d10	20.083	212	129737	4.808	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.371	264	123245	4.723	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.678	88	2583m	2.096	ng/uL	
12) 2-Chlorophenol	7.885	128	12591	4.485	ng/ul#	81
17) N-Nitroso-di-n-propyla...	9.143	70	14287	4.234	ng/ul#	86
19) Hexachloroethane	9.419	117	5333	4.654	ng/ul#	79
22) Nitrobenzene	9.572	77	15257	3.664	ng/ul#	85
23) Isophorone	10.083	82	47451	4.568	ng/ul#	92
25) 2-Nitrophenol	10.277	139	4751	3.303	ng/ul#	92
26) 2,4-Dimethylphenol	10.300	107	21039	4.704	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.570	93	25899	4.814	ng/ul#	81
29) 2,4-Dichlorophenol	10.800	162	14577	3.975	ng/ul	96
30) Naphthalene	11.234	128	51673	4.628	ng/ul#	95
33) Hexachlorobutadiene	11.469	225	16566	4.612	ng/ul	89
35) 4-Chloro-3-methylphenol	12.409	107	17800	4.131	ng/ul#	84
36) 2-Methylnaphthalene	12.809	142	40430	4.783	ng/ul	95
37) 1-Methylnaphthalene	13.026	142	41767	4.831	ng/ul	88
39) 1,2,4,5-Tetrachloroben...	13.150	216	33551	4.760	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.391	196	17599	4.296	ng/ul	94
42) 2,4,5-Trichlorophenol	13.455	196	19007	4.320	ng/ul	85
43) 1,1'-Biphenyl	13.802	154	64620	5.027	ng/ul#	97
44) 2-Chloronaphthalene	13.855	162	50654	4.941	ng/ul	97
45) 2-Nitroaniline	14.060	65	6828	3.012	ng/ul	98
47) Dimethylphthalate	14.407	163	70834	4.777	ng/ul#	93
48) 2,6-Dinitrotoluene	14.548	165	7720	3.668	ng/ul#	79
50) Acenaphthylene	14.695	152	85778	4.877	ng/ul	98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
52)	Acenaphthene	15.030	153	54993	4.802	ng/ul	97
56)	Dibenzofuran	15.359	168	86308	5.048	ng/ul	94
57)	2,4-Dinitrotoluene	15.312	165	11733	3.865	ng/ul#	90
58)	2,3,4,6-Tetrachlorophenol	15.559	232	20079	4.327	ng/ul#	96
59)	Diethylphthalate	15.753	149	62404	4.683	ng/ul	98
61)	Fluorene	16.005	166	72558	4.999	ng/ul#	88
62)	4-Chlorophenyl-phenyle...	15.993	204	41114	4.722	ng/ul	98
67)	N-Nitrosodiphenylamine	16.211	169	62757	4.687	ng/ul	99
68)	4-Bromophenyl-phenylether	16.887	248	32184	4.868	ng/ul	92
69)	Hexachlorobenzene	16.975	284	36020	4.722	ng/ul	96
72)	Phenanthrene	17.756	178	132256	5.005	ng/ul	95
74)	Anthracene	17.844	178	132372	4.905	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.755	216	34000	4.301	ng/uL#	83
76)	Pentachlorobenzene	15.247	250	35086	4.403	ng/uL	90
78)	Di-n-butylphthalate	18.637	149	72377	3.931	ng/ul	97
80)	Fluoranthene	19.748	202	164017	5.001	ng/ul	97
82)	Pyrene	20.112	202	163697	4.983	ng/ul	98
83)	Butylbenzylphthalate	20.982	149	21460	3.768	ng/ul	87
85)	Benzo(a)anthracene	22.022	228	151747	4.790	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.881	149	34265	3.856	ng/ul	91
87)	Chrysene	22.092	228	142668	4.807	ng/ul	98
90)	Benzo(b)fluoranthene	24.460	252	157111	4.925	ng/ul	99
91)	Benzo(k)fluoranthene	24.542	252	154240	4.805	ng/ul	99
93)	Benzo(a)pyrene	25.447	252	146758	4.916	ng/ul#	97
94)	Indeno(1,2,3-cd)pyrene	29.766	276	173078m	4.649	ng/ul	
95)	Dibenzo(a,h)anthracene	29.877	278	143958	4.757	ng/ul#	92
96)	Benzo(g,h,i)perylene	31.088	276	139101m	4.700	ng/ul	

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

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