Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030623\
Data File : BG056856.D
Acq On : 7 Mar 2023 1:40
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Mar 07 04:09:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG022323.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 02 00:12:28 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020459

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/07/2023
Supervised By :Jagrut Upadhyay 03/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.420	152	20189	20.000	ng/ul	0.00
20) Naphthalene-d8	11.258	136	86396	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.024	164	61664	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.756	188	143981	20.000	ng/ul	0.00
79) Chrysene-d12	22.063	240	132202	20.000	ng/ul	# 0.00
88) Perylene-d12	25.588	264	143123	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.696	96	3390	9.314	ng/uL	0.00
4) Pyridine-d5	4.137	84	29741	20.245	ng/ul	0.00
7) Phenol-d5	7.544	99	39722	19.661	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.721	67	25232	20.475	ng/ul	0.00
11) 2-Chlorophenol-d4	7.944	132	26604	19.829	ng/ul	0.00
15) 4-Methylphenol-d8	9.107	113	30351	19.661	ng/ul	0.00
21) Nitrobenzene-d5	9.589	128	14503	20.031	ng/ul	0.00
24) 2-Nitrophenol-d4	10.318	143	17959	20.838	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.858	165	33434	20.592	ng/ul	0.00
31) 4-Chloroaniline-d4	11.375	131	40209	18.987	ng/ul	0.00
46) Dimethylphthalate-d6	14.407	166	102464	20.595	ng/ul	0.00
49) Acenaphthylene-d8	14.718	160	119430	21.121	ng/ul	0.00
54) 4-Nitrophenol-d4	15.177	143	15454	18.016	ng/ul	0.00
60) Fluorene-d10	16.005	176	91587	19.901	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.105	200	17898	18.580	ng/ul	0.00
73) Anthracene-d10	17.856	188	141198	20.214	ng/ul	0.00
81) Pyrene-d10	20.112	212	171818	19.206	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.347	264	161081	20.851	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.737	88	4312m	9.609	ng/uL	
5) Pyridine	4.154	79	32269	20.742	ng/ul	98
6) Benzaldehyde	7.539	77	25269	23.874	ng/ul	94
8) Phenol	7.574	94	41296	20.040	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.815	93	29123	19.890	ng/ul	98
12) 2-Chlorophenol	7.973	128	26506	19.950	ng/ul	91
13) 2-Methylphenol	8.843	108	29989	19.293	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.943	45	40425	20.546	ng/ul	98
16) Acetophenone	9.242	105	51660	19.542	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.219	70	28998	19.118	ng/ul	95
18) 4-Methylphenol	9.172	108	32808	19.425	ng/ul	97
19) Hexachloroethane	9.524	117	11840	20.956	ng/ul#	79
22) Nitrobenzene	9.636	77	45895	21.859	ng/ul	98
23) Isophorone	10.153	82	80501	19.612	ng/ul	99
25) 2-Nitrophenol	10.353	139	17290	20.323	ng/ul#	89
26) 2,4-Dimethylphenol	10.394	107	39012	20.533	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.629	93	41131	19.824	ng/ul	97
29) 2,4-Dichlorophenol	10.888	162	33138	21.076	ng/ul	98
30) Naphthalene	11.305	128	98117	20.632	ng/ul#	96
32) 4-Chloroaniline	11.405	127	39726	18.937	ng/ul	97
33) Hexachlorobutadiene	11.581	225	26341	21.021	ng/ul	94
34) Caprolactam	12.139	113	9148	17.115	ng/ul#	86
35) 4-Chloro-3-methylphenol	12.486	107	35245	19.512	ng/ul	98
36) 2-Methylnaphthalene	12.879	142	69467	20.397	ng/ul	98

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Sample : SSTDCCC020
Misc :
ALS Vial : 23 Sample Multiplier: 1

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	13.097	142	66481	19.798	ng/ul	98
39)	1,2,4,5-Tetrachloroben...	13.238	216	51297	23.463	ng/ul	97
40)	Hexachlorocyclopentadiene	13.214	237	23426	14.954	ng/ul	96
41)	2,4,6-Trichlorophenol	13.461	196	31171	21.338	ng/ul	98
42)	2,4,5-Trichlorophenol	13.537	196	34582	21.802	ng/ul	97
43)	1,1'-Biphenyl	13.860	154	97643	21.534	ng/ul	98
44)	2-Chloronaphthalene	13.913	162	81843	21.815	ng/ul	96
45)	2-Nitroaniline	14.101	65	29306	22.504	ng/ul	94
47)	Dimethylphthalate	14.454	163	98565	19.481	ng/ul#	99
48)	2,6-Dinitrotoluene	14.583	165	20479	19.745	ng/ul#	86
50)	Acenaphthylene	14.748	152	119743	20.962	ng/ul	98
51)	3-Nitroaniline	14.912	138	18983	20.451	ng/ul#	96
52)	Acenaphthene	15.083	153	82055	20.910	ng/ul	96
53)	2,4-Dinitrophenol	15.112	184	10611	15.970	ng/ul#	89
55)	4-Nitrophenol	15.194	109	18365	18.496	ng/ul	91
56)	Dibenzofuran	15.412	168	122656	20.590	ng/ul	94
57)	2,4-Dinitrotoluene	15.359	165	28856	19.407	ng/ul	95
58)	2,3,4,6-Tetrachlorophenol	15.629	232	29413	19.926	ng/ul	96
59)	Diethylphthalate	15.799	149	97319	19.216	ng/ul	99
61)	Fluorene	16.058	166	93198	19.539	ng/ul	97
62)	4-Chlorophenyl-phenyle...	16.040	204	58058	20.549	ng/ul	100
63)	4-Nitroaniline	16.064	138	17774	19.598	ng/ul	90
66)	4,6-Dinitro-2-methylph...	16.123	198	16900	18.223	ng/ul#	95
67)	N-Nitrosodiphenylamine	16.246	169	82234	20.539	ng/ul	97
68)	4-Bromophenyl-phenylether	16.933	248	38532	21.118	ng/ul	96
69)	Hexachlorobenzene	17.057	284	41413	21.126	ng/ul	98
70)	Atrazine	17.180	200	35113	20.192	ng/ul	98
71)	Pentachlorophenol	17.398	266	25254	22.688	ng/ul	94
72)	Phenanthrene	17.797	178	157764	20.228	ng/ul	98
74)	Anthracene	17.891	178	158977	20.171	ng/ul	98
75)	1,2,3,4-Tetrachloroben...	13.831	216	53000	24.062	ng/uL	98
76)	Pentachlorobenzene	15.335	250	49964	22.365	ng/uL	97
77)	Carbazole	18.150	167	136248	20.661	ng/ul	98
78)	Di-n-butylphthalate	18.672	149	156302	20.565	ng/ul	99
80)	Fluoranthene	19.783	202	199766	18.468	ng/ul	98
82)	Pyrene	20.141	202	199667	18.737	ng/ul	99
83)	Butylbenzylphthalate	20.999	149	68171	20.166	ng/ul	94
84)	3,3'-Dichlorobenzidine	21.939	252	74342	22.429	ng/ul	97
85)	Benzo(a)anthracene	22.045	228	198882	20.670	ng/ul	98
86)	Bis(2-ethylhexyl)phtha...	21.898	149	98442	20.729	ng/ul	97
87)	Chrysene	22.116	228	184045	20.537	ng/ul	99
89)	Di-n-octyl phthalate	23.214	149	163629	21.029	ng/ul	100
90)	Benzo(b)fluoranthene	24.460	252	200650	20.942	ng/ul	99
91)	Benzo(k)fluoranthene	24.530	252	195435	20.941	ng/ul	100
93)	Benzo(a)pyrene	25.423	252	173563	20.608	ng/ul	99
94)	Indeno(1,2,3-cd)pyrene	29.660	276	227927	19.922	ng/ul	96
95)	Dibenzo(a,h)anthracene	29.724	278	188816	19.738	ng/ul#	94
96)	Benzo(g,h,i)perylene	30.929	276	179682m	19.661	ng/ul	

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

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Operator : CG/JU
Sample : SSTDCCC020
Misc :
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