Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090823\
Data File : BG058922.D
Acq On : 8 Sep 2023 17:58
Operator : MA/JU
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 04:46:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG090823.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 09 00:11:02 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SICV406

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/15/2023
Supervised By :mohammad ahmed 09/15/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.332	152	44811	20.000	ng/ul	0.00
20) Naphthalene-d8	11.176	136	208102	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.960	164	199942	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.709	188	565877	20.000	ng/ul	0.00
79) Chrysene-d12	22.034	240	478740	20.000	ng/ul	0.00
88) Perylene-d12	25.612	264	529545	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.638	96	8954m	9.584	ng/uL	0.00
4) Pyridine-d5	4.072	84	65200	20.325	ng/ul	0.00
7) Phenol-d5	7.439	99	90226	20.301	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.651	67	51364	20.429	ng/ul	0.00
11) 2-Chlorophenol-d4	7.845	132	57639	21.741	ng/ul	0.00
15) 4-Methylphenol-d8	9.014	113	72185	20.956	ng/ul	0.00
21) Nitrobenzene-d5	9.531	128	28945	23.614	ng/ul	0.00
24) 2-Nitrophenol-d4	10.248	143	32547	24.239	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.771	165	84501	21.691	ng/ul	0.00
31) 4-Chloroaniline-d4	11.317	131	103093	20.630	ng/ul	0.00
46) Dimethylphthalate-d6	14.355	166	329576	21.353	ng/ul	0.00
49) Acenaphthylene-d8	14.660	160	348904	20.914	ng/ul	0.00
54) 4-Nitrophenol-d4	15.118	143	46345	22.727	ng/ul	0.00
60) Fluorene-d10	15.941	176	302144	20.771	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.047	200	57082	22.157	ng/ul	0.00
73) Anthracene-d10	17.809	188	527879	20.507	ng/ul	0.00
81) Pyrene-d10	20.077	212	568483	20.475	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.359	264	552795	21.191	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.679	88	8284m	7.281	ng/uL	
5) Pyridine	4.090	79	69438	20.563	ng/ul#	89
6) Benzaldehyde	7.474	77	61097	23.321	ng/ul	90
8) Phenol	7.463	94	94977	20.492	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.745	93	68390	19.895	ng/ul#	91
12) 2-Chlorophenol	7.874	128	57964	21.684	ng/ul	89
13) 2-Methylphenol	8.743	108	69299	19.968	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.855	45	79788	20.168	ng/ul#	88
16) Acetophenone	9.172	105	128055	20.849	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.137	70	69481	21.629	ng/ul#	97
18) 4-Methylphenol	9.073	108	78862	20.766	ng/ul	98
19) Hexachloroethane	9.419	117	23301	21.357	ng/ul	92
22) Nitrobenzene	9.572	77	91684	21.870	ng/ul	99
23) Isophorone	10.083	82	214578	20.515	ng/ul	96
25) 2-Nitrophenol	10.277	139	34174	23.594	ng/ul#	91
26) 2,4-Dimethylphenol	10.300	107	94094	20.895	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.565	93	110350	20.372	ng/ul#	88
29) 2,4-Dichlorophenol	10.794	162	76851	20.812	ng/ul	99
30) Naphthalene	11.229	128	230346	20.490	ng/ul	98
32) 4-Chloroaniline	11.340	127	99673	21.029	ng/ul	100
33) Hexachlorobutadiene	11.458	225	74595	20.627	ng/ul	92
34) Caprolactam	12.122	113	30016m	24.572	ng/ul	
35) 4-Chloro-3-methylphenol	12.404	107	90983	20.971	ng/ul	93
36) 2-Methylnaphthalene	12.803	142	176107	20.694	ng/ul	97

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37) 1-Methylnaphthalene	13.021	142	177984	20.447	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	13.144	216	147999	19.838	ng/ul	96
40) Hexachlorocyclopentadiene	13.109	237	94963	17.686	ng/ul	98
41) 2,4,6-Trichlorophenol	13.385	196	91071	21.007	ng/ul	98
42) 2,4,5-Trichlorophenol	13.450	196	98468	21.184	ng/ul	96
43) 1,1'-Biphenyl	13.796	154	273207	20.082	ng/ul	99
44) 2-Chloronaphthalene	13.849	162	215013	19.817	ng/ul	97
45) 2-Nitroaniline	14.061	65	60924	25.395	ng/ul#	87
47) Dimethylphthalate	14.402	163	323825	20.636	ng/ul	98
48) 2,6-Dinitrotoluene	14.543	165	54502	24.470	ng/ul#	96
50) Acenaphthylene	14.689	152	384903	20.675	ng/ul	100
51) 3-Nitroaniline	14.872	138	51593	22.987	ng/ul	96
52) Acenaphthene	15.018	153	245428	20.248	ng/ul	97
53) 2,4-Dinitrophenol	15.065	184	36229	19.228	ng/ul	92
55) 4-Nitrophenol	15.136	109	61186	23.990	ng/ul	92
56) Dibenzofuran	15.353	168	365918	20.222	ng/ul	95
57) 2,4-Dinitrotoluene	15.318	165	78541	24.445	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.559	232	110288	22.457	ng/ul#	97
59) Diethylphthalate	15.753	149	289207	20.506	ng/ul	99
61) Fluorene	16.000	166	312718	20.357	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.988	204	194153	21.068	ng/ul	92
63) 4-Nitroaniline	16.035	138	52585m	25.180	ng/ul	
66) 4,6-Dinitro-2-methylph...	16.064	198	59478	21.991	ng/ul	96
67) N-Nitrosodiphenylamine	16.205	169	285217	20.495	ng/ul	97
68) 4-Bromophenyl-phenylether	16.887	248	143361	20.863	ng/ul	97
69) Hexachlorobenzene	16.969	284	163026	20.560	ng/ul	98
70) Atrazine	17.140	200	122272	21.884	ng/ul	96
71) Pentachlorophenol	17.322	266	99482	20.428	ng/ul	93
72) Phenanthrene	17.751	178	561400	20.436	ng/ul	98
74) Anthracene	17.845	178	584596	20.843	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.755	216	160514	19.534	ng/uL	97
76) Pentachlorobenzene	15.248	250	163009	19.684	ng/uL	96
77) Carbazole	18.115	167	455055	21.375	ng/ul	99
78) Di-n-butylphthalate	18.632	149	416180	21.746	ng/ul	97
80) Fluoranthene	19.742	202	688156	20.394	ng/ul	99
82) Pyrene	20.107	202	693059	20.505	ng/ul	99
83) Butylbenzylphthalate	20.976	149	135749	23.164	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.928	252	223943	21.416	ng/ul	98
85) Benzo(a)anthracene	22.010	228	656318	20.136	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.869	149	202585	22.160	ng/ul	99
87) Chrysene	22.087	228	595642	19.508	ng/ul	98
89) Di-n-octyl phthalate	23.221	149	358410	21.673	ng/ul	100
90) Benzo(b)fluoranthene	24.454	252	659976	20.695	ng/ul	98
91) Benzo(k)fluoranthene	24.537	252	660407	20.581	ng/ul	97
93) Benzo(a)pyrene	25.447	252	620668	20.801	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.760	276	769384m	20.682	ng/ul	
95) Dibenzo(a,h)anthracene	29.860	278	630808	20.853	ng/ul	97
96) Benzo(g,h,i)perylene	31.070	276	610846m	20.682	ng/ul	

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

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