Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072123\
Data File : BG058379.D
Acq On : 21 Jul 2023 8:57
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 21 09:49:59 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTD020530

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/21/2023
Supervised By :mohammad ahmed 07/21/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.894	152	53768	20.000	ng/ul	0.00
20) Naphthalene-d8	10.697	136	244624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.533	164	165222	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.277	188	388951	20.000	ng/ul	0.00
79) Chrysene-d12	21.531	240	326252	20.000	ng/ul	0.00
88) Perylene-d12	24.657	264	393247	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	11813	8.086	ng/uL	0.00
4) Pyridine-d5	3.752	84	84578	19.506	ng/ul	0.00
7) Phenol-d5	7.060	99	96483	18.916	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.218	67	63438	19.899	ng/ul	0.00
11) 2-Chlorophenol-d4	7.424	132	69391	19.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.599	113	71613	18.407	ng/ul	0.00
21) Nitrobenzene-d5	9.057	128	34181	18.642	ng/ul	0.00
24) 2-Nitrophenol-d4	9.774	143	39128	19.547	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.315	165	71828	18.718	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.832	131	102025	18.340	ng/ul	0.00
46) Dimethylphthalate-d6	13.934	166	224783	17.643	ng/ul	0.00
49) Acenaphthylene-d8	14.228	160	253072	18.954	ng/ul	0.00
54) 4-Nitrophenol-d4	14.739	143	33645	17.486	ng/ul	0.00
60) Fluorene-d10	15.520	176	193275	18.323	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.644	200	37340	18.843	ng/ul	0.00
73) Anthracene-d10	17.377	188	310482	18.474	ng/ul	0.00
81) Pyrene-d10	19.663	212	355915	18.470	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.445	264	337493	17.756	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.382	88	12900	7.785	ng/uL#	89
5) Pyridine	3.769	79	88559	19.340	ng/ul	97
6) Benzaldehyde	7.036	77	40581m	19.701	ng/ul	
8) Phenol	7.083	94	99746	18.831	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.312	93	79054	19.482	ng/ul	100
12) 2-Chlorophenol	7.459	128	72220	19.324	ng/ul	97
13) 2-Methylphenol	8.335	108	75607	18.314	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.417	45	130311m	19.596	ng/ul	
16) Acetophenone	8.717	105	126016	19.019	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.693	70	66917	18.453	ng/ul	98
18) 4-Methylphenol	8.664	108	81488	18.163	ng/ul	99
19) Hexachloroethane	8.975	117	29239	19.848	ng/ul	93
22) Nitrobenzene	9.098	77	92976	19.014	ng/ul	97
23) Isophorone	9.615	82	193059	17.610	ng/ul	99
25) 2-Nitrophenol	9.809	139	42248	19.759	ng/ul	94
26) 2,4-Dimethylphenol	9.868	107	89032	18.674	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.097	93	108310	18.655	ng/ul	96
29) 2,4-Dichlorophenol	10.344	162	69752	19.151	ng/ul	96
30) Naphthalene	10.744	128	244058	18.665	ng/ul	100
32) 4-Chloroaniline	10.855	127	104173	18.322	ng/ul	98
33) Hexachlorobutadiene	11.026	225	50701	19.468	ng/ul	95
34) Caprolactam	11.613	113	25088m	16.585	ng/ul	
35) 4-Chloro-3-methylphenol	11.983	107	83069	17.922	ng/ul	95
36) 2-Methylnaphthalene	12.353	142	161094	18.389	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.577	142	164283	18.298	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.724	216	93196	19.485	ng/ul	97
40) Hexachlorocyclopentadiene	12.700	237	62859	24.436	ng/ul	99
41) 2,4,6-Trichlorophenol	12.964	196	61869	19.109	ng/ul	100
42) 2,4,5-Trichlorophenol	13.041	196	64425	18.660	ng/ul	98
43) 1,1'-Biphenyl	13.364	154	216342	19.364	ng/ul	99
44) 2-Chloronaphthalene	13.405	162	171549	19.312	ng/ul	99
45) 2-Nitroaniline	13.611	65	56633	18.354	ng/ul	100
47) Dimethylphthalate	13.981	163	229303	17.918	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	46577	18.834	ng/ul	99
50) Acenaphthylene	14.251	152	276518	19.186	ng/ul	99
51) 3-Nitroaniline	14.439	138	32506	15.773	ng/ul	88
52) Acenaphthene	14.592	153	189171	18.905	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	28636	21.758	ng/ul	92
55) 4-Nitrophenol	14.751	109	24852	16.771	ng/ul	92
56) Dibenzofuran	14.927	168	264338	18.552	ng/ul	100
57) 2,4-Dinitrotoluene	14.898	165	64162	17.989	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.156	232	57149	17.916	ng/ul#	96
59) Diethylphthalate	15.344	149	230472	17.481	ng/ul	98
61) Fluorene	15.579	166	214618	18.368	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.567	204	114291	18.425	ng/ul	99
63) 4-Nitroaniline	15.603	138	29837m	16.000	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.661	198	38689	18.977	ng/ul	100
67) N-Nitrosodiphenylamine	15.785	169	180899	18.763	ng/ul	98
68) 4-Bromophenyl-phenylether	16.460	248	75442	18.312	ng/ul	93
69) Hexachlorobenzene	16.584	284	85129	18.313	ng/ul	99
70) Atrazine	16.731	200	69782	18.460	ng/ul	95
71) Pentachlorophenol	16.930	266	48465	18.573	ng/ul	96
72) Phenanthrene	17.318	178	341921	18.498	ng/ul	99
74) Anthracene	17.412	178	344986	18.592	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.329	216	97290	19.942	ng/uL	98
76) Pentachlorobenzene	14.851	250	101598	19.043	ng/uL	97
77) Carbazole	17.682	167	313273	19.476	ng/ul	100
78) Di-n-butylphthalate	18.235	149	393153	19.235	ng/ul	100
80) Fluoranthene	19.333	202	413167	18.716	ng/ul	99
82) Pyrene	19.692	202	417157	18.650	ng/ul	99
83) Butylbenzylphthalate	20.579	149	168432	19.123	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.431	252	130702	17.946	ng/ul	98
85) Benzo(a)anthracene	21.507	228	405652	18.498	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.408	149	238652	19.050	ng/ul	98
87) Chrysene	21.572	228	378748	18.209	ng/ul	99
89) Di-n-octyl phthalate	22.583	149	412425	19.711	ng/ul	100
90) Benzo(b)fluoranthene	23.664	252	406071	17.847	ng/ul	98
91) Benzo(k)fluoranthene	23.728	252	410694	18.098	ng/ul	99
93) Benzo(a)pyrene	24.510	252	365610	18.066	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.217	276	482528m	18.097	ng/ul	
95) Dibenzo(a,h)anthracene	28.282	278	390509	17.861	ng/ul	99
96) Benzo(g,h,i)perylene	29.339	276	386765	17.804	ng/ul	98

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

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