Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071123\
Data File : BG058159.D
Acq On : 11 Jul 2023 14:56
Operator : CG/JU
Sample : 03386-05MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EX804MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 11 23:21:34 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 10 16:52:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	43089	20.000	ng/ul	0.00
20) Naphthalene-d8	10.778	136	201708	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.603	164	142810	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.347	188	329269	20.000	ng/ul	0.00
79) Chrysene-d12	21.606	240	274351	20.000	ng/ul	0.00
88) Perylene-d12	24.803	264	341411	20.000	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.404	96	6232	5.065	ng/uL	0.00
4) Pyridine-d5	3.815	84	90818	24.310	ng/ul	0.00
7) Phenol-d5	7.135	99	139846	31.780	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.300	67	80518	30.363	ng/ul	0.00
11) 2-Chlorophenol-d4	7.505	132	95970	31.621	ng/ul	0.00
15) 4-Methylphenol-d8	8.680	113	101462	30.557	ng/ul	0.00
21) Nitrobenzene-d5	9.139	128	52851	32.148	ng/ul	0.00
24) 2-Nitrophenol-d4	9.861	143	58738	33.995	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.402	165	110727	33.406	ng/ul	0.00
31) 4-Chloroaniline-d4	10.913	131	137007	27.263	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	337659	29.966	ng/ul	0.00
49) Acenaphthylene-d8	14.297	160	393946	32.039	ng/ul	0.00
54) 4-Nitrophenol-d4	14.803	143	48196	24.210	ng/ul	0.00
60) Fluorene-d10	15.596	176	301960	31.555	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.713	200	46011	25.734	ng/ul	0.00
73) Anthracene-d10	17.447	188	469701	30.742	ng/ul	0.00
81) Pyrene-d10	19.732	212	542750	31.411	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.579	264	563375	32.389	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.439	88	15537	10.221	ng/uL	98
5) Pyridine	3.833	79	104716	27.358	ng/ul	96
6) Benzaldehyde	7.112	77	75401	51.308	ng/ul	98
8) Phenol	7.164	94	149666	33.516	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.388	93	107106	31.064	ng/ul	97
12) 2-Chlorophenol	7.541	128	102717	32.523	ng/ul	98
13) 2-Methylphenol	8.416	108	109376	31.188	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.504	45	169666	31.968	ng/ul	98
16) Acetophenone	8.792	105	181127	32.879	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.774	70	94039	31.932	ng/ul	97
18) 4-Methylphenol	8.745	108	122296	32.250	ng/ul	96
19) Hexachloroethane	9.056	117	38371	31.692	ng/ul	97
22) Nitrobenzene	9.180	77	132864	31.132	ng/ul	97
23) Isophorone	9.697	82	280213	30.770	ng/ul	98
25) 2-Nitrophenol	9.891	139	63718	34.367	ng/ul	90
26) 2,4-Dimethylphenol	9.949	107	82144	19.703	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.179	93	159307	31.044	ng/ul	98
29) 2,4-Dichlorophenol	10.425	162	108899	33.791	ng/ul	92
30) Naphthalene	10.831	128	363327	32.052	ng/ul	98
32) 4-Chloroaniline	10.937	127	121784	23.700	ng/ul	98
33) Hexachlorobutadiene	11.107	225	71948	31.535	ng/ul	96
34) Caprolactam	11.700	113	40642m	31.368	ng/ul	
35) 4-Chloro-3-methylphenol	12.065	107	134968	34.094	ng/ul	98
36) 2-Methylnaphthalene	12.435	142	247055	32.332	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.652	142	249786	32.598	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.799	216	145608	33.457	ng/ul	97
40) Hexachlorocyclopentadiene	12.776	237	45068	16.441	ng/ul	95
41) 2,4,6-Trichlorophenol	13.040	196	99329	33.675	ng/ul	99
42) 2,4,5-Trichlorophenol	13.116	196	107707	33.764	ng/ul	98
43) 1,1'-Biphenyl	13.439	154	335534	32.603	ng/ul	99
44) 2-Chloronaphthalene	13.486	162	267267	32.358	ng/ul	99
45) 2-Nitroaniline	13.686	65	96868	33.732	ng/ul	96
47) Dimethylphthalate	14.051	163	351002	31.006	ng/ul	99
48) 2,6-Dinitrotoluene	14.180	165	76185	32.786	ng/ul	95
50) Acenaphthylene	14.327	152	426729	32.138	ng/ul	98
51) 3-Nitroaniline	14.509	138	74602	37.990	ng/ul	99
52) Acenaphthene	14.667	153	296421	32.533	ng/ul	99
53) 2,4-Dinitrophenol	14.714	184	36636	30.242	ng/ul	96
55) 4-Nitrophenol	14.820	109	43394	29.424	ng/ul	90
56) Dibenzofuran	15.002	168	418092	32.280	ng/ul	100
57) 2,4-Dinitrotoluene	14.967	165	109005	33.109	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.226	232	91117	31.376	ng/ul#	96
59) Diethylphthalate	15.414	149	360814	30.537	ng/ul	99
61) Fluorene	15.649	166	340309	32.023	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.637	204	181991	32.365	ng/ul	98
63) 4-Nitroaniline	15.672	138	73091	41.549	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.731	198	57229	31.300	ng/ul	97
67) N-Nitrosodiphenylamine	15.854	169	287500	32.809	ng/ul	98
68) 4-Bromophenyl-phenylether	16.536	248	123812	34.256	ng/ul	97
69) Hexachlorobenzene	16.653	284	135649	33.521	ng/ul	98
70) Atrazine	16.794	200	76599	21.376	ng/ul	97
71) Pentachlorophenol	17.000	266	70744	29.120	ng/ul	93
72) Phenanthrene	17.388	178	541517	32.332	ng/ul	99
74) Anthracene	17.482	178	529291	31.228	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.404	216	153722	35.202	ng/uL	96
76) Pentachlorobenzene	14.926	250	363707	77.985	ng/uL	97
77) Carbazole	17.746	167	488811	31.888	ng/ul	98
78) Di-n-butylphthalate	18.299	149	622038	31.856	ng/ul	99
80) Fluoranthene	19.397	202	632934	31.612	ng/ul	100
82) Pyrene	19.761	202	635249	31.520	ng/ul	99
83) Butylbenzylphthalate	20.637	149	272568	33.352	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.501	252	222202	33.455	ng/ul	98
85) Benzo(a)anthracene	21.589	228	634245	32.197	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.483	149	398734	34.047	ng/ul	98
87) Chrysene	21.653	228	599766	32.479	ng/ul	99
89) Di-n-octyl phthalate	22.676	149	699943	33.367	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	669165	31.655	ng/ul	100
91) Benzo(k)fluoranthene	23.851	252	674943	32.574	ng/ul	99
93) Benzo(a)pyrene	24.656	252	597174	31.917	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.445	276	816137	32.848	ng/ul	99
95) Dibenzo(a,h)anthracene	28.504	278	681895	33.283	ng/ul	98
96) Benzo(g,h,i)perylene	29.591	276	639085	31.491	ng/ul	99

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

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