Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030823\
Data File : BG056898.D
Acq On : 9 Mar 2023 2:46
Operator : CG/JU
Sample : 01784-16MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DCAC4MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/09/2023
Supervised By :Jagrut Upadhyay 03/09/2023

Quant Time: Mar 09 03:34:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG030723.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 08 23:58:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.415	152	15025	20.000	ng/ul	0.00
20) Naphthalene-d8	11.259	136	63835	20.000	ng/ul	0.00
38) Acenaphthene-d10	15.031	164	53499	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.775	188	143433	20.000	ng/ul	0.00
79) Chrysene-d12	22.099	240	132455	20.000	ng/ul	0.00
88) Perylene-d12	25.648	264	142595	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.691	96	1559	4.024	ng/uL	0.00
4) Pyridine-d5	4.132	84	10604	8.413	ng/ul	0.00
7) Phenol-d5	7.540	99	8394	5.451	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.716	67	30049	31.066	ng/ul	0.00
11) 2-Chlorophenol-d4	7.939	132	22766	23.622	ng/ul	0.00
15) 4-Methylphenol-d8	9.108	113	16101	13.857	ng/ul	0.00
21) Nitrobenzene-d5	9.590	128	17507	33.066	ng/ul	0.00
24) 2-Nitrophenol-d4	10.325	143	19392	30.960	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.865	165	34701	28.602	ng/ul	0.00
31) 4-Chloroaniline-d4	11.382	131	41430	25.916	ng/ul	0.00
46) Dimethylphthalate-d6	14.420	166	162494	35.509	ng/ul	0.00
49) Acenaphthylene-d8	14.731	160	167300	33.297	ng/ul	0.00
54) 4-Nitrophenol-d4	15.189	143	5327	6.870	ng/ul	0.00
60) Fluorene-d10	16.018	176	151680	35.745	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.124	200	38013	36.671	ng/ul	0.00
73) Anthracene-d10	17.875	188	255115	36.801	ng/ul	0.00
81) Pyrene-d10	20.137	212	319146	39.557	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.407	264	303678	38.894	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.726	88	1481	3.430	ng/uL#	68
5) Pyridine	4.155	79	5584	4.135	ng/ul	88
6) Benzaldehyde	7.540	77	30897	38.117	ng/ul	91
8) Phenol	7.563	94	9354	5.958	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.816	93	33807	30.652	ng/ul	97
12) 2-Chlorophenol	7.969	128	22972	23.198	ng/ul	94
13) 2-Methylphenol	8.844	108	18776	16.267	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.938	45	44855	29.631	ng/ul#	93
16) Acetophenone	9.243	105	61686	31.021	ng/ul	98
17) N-Nitroso-di-n-propyla...	9.214	70	35612	30.790	ng/ul#	97
18) 4-Methylphenol	9.173	108	17589	14.039	ng/ul	97
19) Hexachloroethane	9.520	117	10752	26.292	ng/ul#	77
22) Nitrobenzene	9.637	77	51890	31.407	ng/ul	92
23) Isophorone	10.160	82	99963	30.994	ng/ul	99
25) 2-Nitrophenol	10.354	139	19990	30.525	ng/ul	93
26) 2,4-Dimethylphenol	10.395	107	29462	20.522	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.636	93	50015	31.857	ng/ul	97
29) 2,4-Dichlorophenol	10.895	162	33983	29.053	ng/ul	97
30) Naphthalene	11.312	128	104102	29.523	ng/ul	98
32) 4-Chloroaniline	11.406	127	23447	14.970	ng/ul	98
33) Hexachlorobutadiene	11.588	225	26183	28.444	ng/ul	94
34) Caprolactam	12.146	113	1632m	3.808	ng/ul	
35) 4-Chloro-3-methylphenol	12.487	107	38473	28.331	ng/ul	98
36) 2-Methylnaphthalene	12.886	142	80665	31.803	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	13.104	142	83552	32.968	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	13.245	216	60367	30.536	ng/ul#	96
40) Hexachlorocyclopentadiene	13.221	237	30375	22.597	ng/ul	95
41) 2,4,6-Trichlorophenol	13.474	196	42331	32.882	ng/ul	98
42) 2,4,5-Trichlorophenol	13.544	196	46035	32.125	ng/ul	91
43) 1,1'-Biphenyl	13.868	154	126536	31.581	ng/ul	95
44) 2-Chloronaphthalene	13.920	162	103689	31.386	ng/ul	97
45) 2-Nitroaniline	14.108	65	42848	35.172	ng/ul	91
47) Dimethylphthalate	14.467	163	161804	34.978	ng/ul	99
48) 2,6-Dinitrotoluene	14.590	165	34103	36.661	ng/ul	90
50) Acenaphthylene	14.761	152	164876	32.471	ng/ul	99
51) 3-Nitroaniline	14.925	138	23326	27.792	ng/ul	88
52) Acenaphthene	15.095	153	116752	32.875	ng/ul	96
53) 2,4-Dinitrophenol	15.125	184	24142	35.403	ng/ul	97
55) 4-Nitrophenol	15.207	109	6701	6.704	ng/ul	96
56) Dibenzofuran	15.425	168	181653	33.460	ng/ul	100
57) 2,4-Dinitrotoluene	15.372	165	51988	36.251	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.642	232	48792	35.332	ng/ul#	94
59) Diethylphthalate	15.812	149	168047	35.941	ng/ul	100
61) Fluorene	16.071	166	151200	34.975	ng/ul	99
62) 4-Chlorophenyl-phenyle...	16.053	204	90218	34.784	ng/ul	97
63) 4-Nitroaniline	16.083	138	29015	34.848	ng/ul	95
66) 4,6-Dinitro-2-methylph...	16.135	198	36058	36.346	ng/ul	93
67) N-Nitrosodiphenylamine	16.265	169	139550	36.229	ng/ul	97
68) 4-Bromophenyl-phenylether	16.946	248	65236	36.668	ng/ul	98
69) Hexachlorobenzene	17.076	284	72691	37.666	ng/ul	99
70) Atrazine	17.199	200	58548	33.807	ng/ul	97
71) Pentachlorophenol	17.416	266	42335	37.216	ng/ul	98
72) Phenanthrene	17.816	178	287506	37.247	ng/ul	99
74) Anthracene	17.910	178	282994	35.989	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.844	216	64860	31.552	ng/uL	99
76) Pentachlorobenzene	15.348	250	74283	34.611	ng/uL	98
77) Carbazole	18.168	167	248881	37.296	ng/ul	98
78) Di-n-butylphthalate	18.691	149	283752	36.761	ng/ul	100
80) Fluoranthene	19.802	202	372409	38.724	ng/ul	99
82) Pyrene	20.166	202	363631	37.760	ng/ul	100
83) Butylbenzylphthalate	21.024	149	127588	39.949	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.970	252	106582	33.217	ng/ul	98
85) Benzo(a)anthracene	22.076	228	370765	38.290	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.935	149	178336	39.073	ng/ul	94
87) Chrysene	22.146	228	341352	38.042	ng/ul	98
89) Di-n-octyl phthalate	23.256	149	302579	38.963	ng/ul	100
90) Benzo(b)fluoranthene	24.508	252	372357	38.200	ng/ul	99
91) Benzo(k)fluoranthene	24.584	252	364197	38.892	ng/ul	99
93) Benzo(a)pyrene	25.483	252	319886	38.409	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.749	276	441528	38.796	ng/ul	97
95) Dibenzo(a,h)anthracene	29.819	278	365912	38.961	ng/ul#	99
96) Benzo(g,h,i)perylene	31.036	276	353765	38.766	ng/ul#	93

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

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