Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090221\
Data File : BG050102.D
Acq On : 2 Sep 2021 18:28
Operator : CG/JU
Sample : PB138904BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS904

Manual Integrations APPROVED
mohammad
9/3/2021 3:31:48 PM

Quant Time: Sep 02 19:03:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.950	152	25975	20.000	ng/ul	0.00
20) Naphthalene-d8	10.770	136	106780	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.618	164	72264	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.367	188	157335	20.000	ng/ul	-0.01
79) Chrysene-d12	21.644	240	158259	20.000	ng/ul	0.00
88) Perylene-d12	24.863	264	164341	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	3772	7.488	ng/uL	-0.01
4) Pyridine-d5	3.732	84	57882	38.149	ng/ul	-0.01
7) Phenol-d5	7.122	99	79461	36.025	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	42334	34.547	ng/ul	0.00
11) 2-Chlorophenol-d4	7.486	132	59605	36.116	ng/ul	0.00
15) 4-Methylphenol-d8	8.679	113	61347	35.316	ng/ul	0.00
21) Nitrobenzene-d5	9.125	128	30004	36.244	ng/ul	0.00
24) 2-Nitrophenol-d4	9.854	143	35219	35.728	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.400	165	63560	36.151	ng/ul	0.00
31) 4-Chloroaniline-d4	10.911	131	72554	30.318	ng/ul	-0.01
46) Dimethylphthalate-d6	14.019	166	196261	35.487	ng/ul	0.00
49) Acenaphthylene-d8	14.306	160	235863	36.373	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.847	143	25320	31.644	ng/ul	0.00
60) Fluorene-d10	15.611	176	167158	35.649	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.752	200	35723	35.292	ng/ul	0.00
73) Anthracene-d10	17.467	188	256077	36.245	ng/ul	-0.01
81) Pyrene-d10	19.764	212	309420	36.180	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.639	264	298404	34.226	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	8746	14.243	ng/uL	98
5) Pyridine	3.756	79	59553	36.316	ng/ul#	82
6) Benzaldehyde	7.087	77	56376	44.415	ng/ul	99
8) Phenol	7.151	94	79217	35.557	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.363	93	56282	36.595	ng/ul	97
12) 2-Chlorophenol	7.516	128	59325	36.377	ng/ul#	87
13) 2-Methylphenol	8.409	108	62038	36.094	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.485	45	58541m	36.299	ng/ul	
16) Acetophenone	8.784	105	101710	35.903	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.761	70	53374	37.522	ng/ul#	99
18) 4-Methylphenol	8.743	108	64650	34.963	ng/ul	83
19) Hexachloroethane	9.031	117	27079	37.941	ng/ul	93
22) Nitrobenzene	9.166	77	83106	37.049	ng/ul	98
23) Isophorone	9.689	82	146049	36.543	ng/ul	97
25) 2-Nitrophenol	9.883	139	34488	35.986	ng/ul	92
26) 2,4-Dimethylphenol	9.948	107	78683	36.942	ng/ul	87
27) Bis(2-Chloroethoxy)met...	10.171	93	77655	37.627	ng/ul	97
29) 2,4-Dichlorophenol	10.429	162	63564	39.390	ng/ul	97
30) Naphthalene	10.823	128	192413	36.052	ng/ul	98
32) 4-Chloroaniline	10.934	127	69892	30.326	ng/ul	90
33) Hexachlorobutadiene	11.099	225	46270	35.444	ng/ul	96
34) Caprolactam	11.704	113	19224m	34.009	ng/ul	
35) 4-Chloro-3-methylphenol	12.074	107	69894	36.241	ng/ul	94
36) 2-Methylnaphthalene	12.438	142	144177	36.340	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.656	142	138302	34.535	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.808	216	82903	39.059	ng/ul#	97
40) Hexachlorocyclopentadiene	12.779	237	14013	14.752	ng/ul	91
41) 2,4,6-Trichlorophenol	13.055	196	50660	37.454	ng/ul	96
42) 2,4,5-Trichlorophenol	13.137	196	50880	35.891	ng/ul	86
43) 1,1'-Biphenyl	13.443	154	190543	37.742	ng/ul	98
44) 2-Chloronaphthalene	13.490	162	150136	37.023	ng/ul	96
45) 2-Nitroaniline	13.701	65	51085	37.103	ng/ul	96
47) Dimethylphthalate	14.060	163	195667	35.750	ng/ul#	97
48) 2,6-Dinitrotoluene	14.195	165	42547	37.652	ng/ul#	89
50) Acenaphthylene	14.336	152	219617	37.056	ng/ul	98
51) 3-Nitroaniline	14.524	138	37852	34.714	ng/ul	99
52) Acenaphthene	14.682	153	159822	37.175	ng/ul	95
53) 2,4-Dinitrophenol	14.759	184	17777m	30.802	ng/ul	
55) 4-Nitrophenol	14.859	109	30635	30.197	ng/ul#	83
56) Dibenzofuran	15.017	168	216154	36.306	ng/ul	97
57) 2,4-Dinitrotoluene	14.994	165	59892	36.847	ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.252	232	43494	37.025	ng/ul#	99
59) Diethylphthalate	15.428	149	204313	36.490	ng/ul	98
61) Fluorene	15.663	166	179790	35.793	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.652	204	95102	35.784	ng/ul	97
63) 4-Nitroaniline	15.693	138	40781	37.478	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.763	198	31975	34.851	ng/ul	92
67) N-Nitrosodiphenylamine	15.869	169	156033	37.669	ng/ul	99
68) 4-Bromophenyl-phenylether	16.550	248	68415	39.308	ng/ul	98
69) Hexachlorobenzene	16.680	284	77589	38.605	ng/ul	94
70) Atrazine	16.821	200	70004	38.041	ng/ul	97
71) Pentachlorophenol	17.032	266	22236	26.128	ng/ul	93
72) Phenanthrene	17.414	178	305603	38.962	ng/ul	98
74) Anthracene	17.502	178	306722	38.589	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.413	216	85204	40.364	ng/uL	95
76) Pentachlorobenzene	14.941	250	84662	37.851	ng/uL	96
77) Carbazole	17.778	167	271186	38.342	ng/ul	100
78) Di-n-butylphthalate	18.324	149	341406	37.742	ng/ul	97
80) Fluoranthene	19.429	202	384308	36.416	ng/ul	97
82) Pyrene	19.793	202	380947	36.428	ng/ul	99
83) Butylbenzylphthalate	20.663	149	149465	36.218	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.538	252	124562	33.203	ng/ul	98
85) Benzo(a)anthracene	21.626	228	364200	36.933	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.514	149	215174	37.967	ng/ul	97
87) Chrysene	21.691	228	346816	37.205	ng/ul	96
89) Di-n-octyl phthalate	22.713	149	357104	36.629	ng/ul	100
90) Benzo(b)fluoranthene	23.841	252	377073	35.870	ng/ul#	99
91) Benzo(k)fluoranthene	23.905	252	367764	36.804	ng/ul	98
93) Benzo(a)pyrene	24.710	252	329961	36.142	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.558	276	425544	35.336	ng/ul#	96
95) Dibenzo(a,h)anthracene	28.599	278	358005	35.511	ng/ul#	96
96) Benzo(g,h,i)perylene	29.709	276	353281	34.893	ng/ul	96

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

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