Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082621\
Data File : BG050000.D
Acq On : 27 Aug 2021 9:58
Operator : CG/JU
Sample : PB138707BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS707

Manual Integrations APPROVED
mohammad
8/27/2021 5:09:11 PM

Quant Time: Aug 27 15:06:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 27 11:22:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.961	152	24697	20.000	ng/ul	0.00
20) Naphthalene-d8	10.786	136	104961	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.628	164	71082	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.383	188	157056	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	158245	20.000	ng/ul	0.00
88) Perylene-d12	24.879	264	156963	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.320	96	3312	6.915	ng/uL	0.00
4) Pyridine-d5	3.749	84	55507	38.477	ng/ul	0.00
7) Phenol-d5	7.138	99	83774	39.946	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.285	67	44834	38.480	ng/ul	0.00
11) 2-Chlorophenol-d4	7.497	132	62612	39.901	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	63144	38.231	ng/ul	0.00
21) Nitrobenzene-d5	9.141	128	30453	37.423	ng/ul	0.00
24) 2-Nitrophenol-d4	9.864	143	38404	39.635	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	66861	38.687	ng/ul	0.00
31) 4-Chloroaniline-d4	10.927	131	84975	36.124	ng/ul	0.00
46) Dimethylphthalate-d6	14.029	166	208423	38.313	ng/ul	0.00
49) Acenaphthylene-d8	14.323	160	251759	39.470	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	30489	38.738	ng/ul	0.00
60) Fluorene-d10	15.621	176	173728	37.666	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.762	200	38824	38.424	ng/ul	0.00
73) Anthracene-d10	17.483	188	279802	39.674	ng/ul	0.00
81) Pyrene-d10	19.774	212	352481	41.219	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.662	264	340775	40.922	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.361	88	8973	15.368	ng/uL#	87
5) Pyridine	3.772	79	64433	41.326	ng/ul	94
6) Benzaldehyde	7.097	77	56372	46.710	ng/ul	91
8) Phenol	7.168	94	89845	42.414	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.379	93	64120	43.849	ng/ul	96
12) 2-Chlorophenol	7.532	128	70151	45.241	ng/ul#	88
13) 2-Methylphenol	8.425	108	69245	42.371	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.501	45	65921	42.990	ng/ul	94
16) Acetophenone	8.795	105	112572	41.793	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.777	70	57070	42.196	ng/ul	99
18) 4-Methylphenol	8.754	108	73642	41.887	ng/ul	81
19) Hexachloroethane	9.047	117	30368	44.751	ng/ul	90
22) Nitrobenzene	9.183	77	93015	42.185	ng/ul	92
23) Isophorone	9.705	82	160400	40.829	ng/ul	97
25) 2-Nitrophenol	9.899	139	40671	43.173	ng/ul	91
26) 2,4-Dimethylphenol	9.958	107	84168	40.202	ng/ul	90
27) Bis(2-Chloroethoxy)met...	10.187	93	84223	41.516	ng/ul	93
29) 2,4-Dichlorophenol	10.446	162	70333	44.340	ng/ul	99
30) Naphthalene	10.839	128	217277	41.416	ng/ul#	96
32) 4-Chloroaniline	10.951	127	90730	40.050	ng/ul	90
33) Hexachlorobutadiene	11.115	225	53671	41.826	ng/ul	93
34) Caprolactam	11.714	113	23422m	42.153	ng/ul	
35) 4-Chloro-3-methylphenol	12.090	107	82461	43.498	ng/ul	97
36) 2-Methylnaphthalene	12.449	142	163610	41.953	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.672	142	158244	40.200	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.819	216	91354	43.756	ng/ul#	94
40) Hexachlorocyclopentadiene	12.789	237	17546	18.778	ng/ul#	93
41) 2,4,6-Trichlorophenol	13.066	196	57351	43.105	ng/ul	92
42) 2,4,5-Trichlorophenol	13.148	196	58656	42.064	ng/ul	97
43) 1,1'-Biphenyl	13.459	154	208048	41.894	ng/ul	99
44) 2-Chloronaphthalene	13.506	162	168869	42.335	ng/ul	97
45) 2-Nitroaniline	13.712	65	59672	44.061	ng/ul	96
47) Dimethylphthalate	14.076	163	223782	41.566	ng/ul	97
48) 2,6-Dinitrotoluene	14.205	165	48699	43.813	ng/ul	94
50) Acenaphthylene	14.352	152	249801	42.850	ng/ul	98
51) 3-Nitroaniline	14.540	138	44169	41.181	ng/ul#	92
52) Acenaphthene	14.693	153	181047	42.812	ng/ul	99
53) 2,4-Dinitrophenol	14.763	184	21165	37.282	ng/ul#	84
55) 4-Nitrophenol	14.869	109	41033	41.119	ng/ul	98
56) Dibenzofuran	15.028	168	245077	41.849	ng/ul	100
57) 2,4-Dinitrotoluene	15.004	165	71849	44.938	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.263	232	51478	44.550	ng/ul	91
59) Diethylphthalate	15.439	149	234478	42.574	ng/ul	96
61) Fluorene	15.680	166	214442	43.402	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.668	204	111385	42.608	ng/ul	98
63) 4-Nitroaniline	15.709	138	48824	45.615	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.774	198	38528	42.068	ng/ul	95
67) N-Nitrosodiphenylamine	15.885	169	184692	44.667	ng/ul	99
68) 4-Bromophenyl-phenylether	16.561	248	78732	45.316	ng/ul	97
69) Hexachlorobenzene	16.690	284	90629	45.174	ng/ul	97
70) Atrazine	16.837	200	86635	47.162	ng/ul	97
71) Pentachlorophenol	17.042	266	23098	27.189	ng/ul	92
72) Phenanthrene	17.424	178	358038	45.728	ng/ul	98
74) Anthracene	17.518	178	350340	44.155	ng/ul#	94
75) 1,2,3,4-Tetrachloroben...	13.430	216	94687	44.936	ng/uL	90
76) Pentachlorobenzene	14.951	250	95538	42.789	ng/uL	96
77) Carbazole	17.789	167	324642	45.981	ng/ul	99
78) Di-n-butylphthalate	18.335	149	412663	45.701	ng/ul	98
80) Fluoranthene	19.439	202	465369	44.101	ng/ul	99
82) Pyrene	19.803	202	457044	43.709	ng/ul	98
83) Butylbenzylphthalate	20.679	149	187299	45.390	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.548	252	167864	44.750	ng/ul	95
85) Benzo(a)anthracene	21.636	228	448309	45.466	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.525	149	261306	46.111	ng/ul	99
87) Chrysene	21.701	228	418190	44.866	ng/ul	96
89) Di-n-octyl phthalate	22.729	149	427408	45.901	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	472793m	47.089	ng/ul	
91) Benzo(k)fluoranthene	23.921	252	431045	45.165	ng/ul	99
93) Benzo(a)pyrene	24.738	252	401452	46.040	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.580	276	519849	45.196	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.633	278	433730	45.045	ng/ul#	99
96) Benzo(g,h,i)perylene	29.743	276	428974	44.361	ng/ul	98

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

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