Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092721\
Data File : BG050275.D
Acq On : 27 Sep 2021 12:28
Operator : CG/JU
Sample : PB139378BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS378

Manual Integrations APPROVED
mohammad
9/28/2021 1:39:40 PM

Quant Time: Sep 27 13:53:32 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG092521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 27 03:10:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	31037	20.000	ng/ul	0.00
20) Naphthalene-d8	11.120	136	127592	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.910	164	90415	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.653	188	212418	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.960	240	225635	20.000	ng/ul	# 0.00
88) Perylene-d12	25.409	264	235155	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	5065	7.892	ng/uL	0.00
4) Pyridine-d5	4.087	84	75854	39.214	ng/ul	0.00
7) Phenol-d5	7.424	99	90979	36.919	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.606	67	55016	38.464	ng/ul	0.00
11) 2-Chlorophenol-d4	7.818	132	68359	38.165	ng/ul	0.00
15) 4-Methylphenol-d8	8.981	113	70046	36.082	ng/ul	0.00
21) Nitrobenzene-d5	9.463	128	31428	39.872	ng/ul	0.00
24) 2-Nitrophenol-d4	10.192	143	33675	38.680	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.726	165	70921	34.921	ng/ul	0.00
31) 4-Chloroaniline-d4	11.249	131	88248	33.077	ng/ul	0.00
46) Dimethylphthalate-d6	14.304	166	220452	35.875	ng/ul	0.00
49) Acenaphthylene-d8	14.604	160	277052	35.867	ng/ul	0.00
54) 4-Nitrophenol-d4	15.074	143	39943	38.525	ng/ul	0.00
60) Fluorene-d10	15.897	176	202807	36.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.002	200	35565	39.520	ng/ul	0.00
73) Anthracene-d10	17.753	188	332249	36.723	ng/ul	0.00
81) Pyrene-d10	20.021	212	416447	34.089	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.174	264	416706	34.757	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	12208	15.077	ng/uL#	82
5) Pyridine	4.105	79	83249	41.500	ng/ul	94
6) Benzaldehyde	7.424	77	64343	41.135	ng/ul	97
8) Phenol	7.448	94	99357	39.800	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.700	93	75687	40.796	ng/ul	91
12) 2-Chlorophenol	7.847	128	73378	38.873	ng/ul#	85
13) 2-Methylphenol	8.717	108	75377	38.700	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.817	45	105319	42.909	ng/ul#	89
16) Acetophenone	9.122	105	114627	38.653	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.099	70	65464	38.831	ng/ul	98
18) 4-Methylphenol	9.046	108	78670	39.656	ng/ul	84
19) Hexachloroethane	9.387	117	30841	38.077	ng/ul	91
22) Nitrobenzene	9.504	77	96119	42.504	ng/ul	100
23) Isophorone	10.039	82	171175	35.888	ng/ul#	94
25) 2-Nitrophenol	10.221	139	37716	41.479	ng/ul#	80
26) 2,4-Dimethylphenol	10.262	107	88933	36.577	ng/ul#	85
27) Bis(2-Chloroethoxy)met...	10.509	93	97344	37.385	ng/ul	98
29) 2,4-Dichlorophenol	10.750	162	74781	38.215	ng/ul	96
30) Naphthalene	11.167	128	243203	37.162	ng/ul	98
32) 4-Chloroaniline	11.267	127	93220	34.988	ng/ul#	87
33) Hexachlorobutadiene	11.449	225	56709	34.934	ng/ul	96
34) Caprolactam	12.048	113	22406m	36.312	ng/ul	
35) 4-Chloro-3-methylphenol	12.360	107	80873	38.109	ng/ul	98
36) 2-Methylnaphthalene	12.753	142	175291	38.676	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.971	142	162555	35.522	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.112	216	106084	37.267	ng/ul	96
40) Hexachlorocyclopentadiene	13.094	237	62812	31.989	ng/ul	94
41) 2,4,6-Trichlorophenol	13.347	196	66656	39.709	ng/ul	91
42) 2,4,5-Trichlorophenol	13.417	196	69809	38.654	ng/ul	94
43) 1,1'-Biphenyl	13.746	154	226126	36.867	ng/ul#	97
44) 2-Chloronaphthalene	13.793	162	179580	37.004	ng/ul	99
45) 2-Nitroaniline	13.987	65	53443	46.252	ng/ul	97
47) Dimethylphthalate	14.351	163	234240	37.842	ng/ul	98
48) 2,6-Dinitrotoluene	14.475	165	42931	43.812	ng/ul	91
50) Acenaphthylene	14.633	152	268481	34.405	ng/ul	97
51) 3-Nitroaniline	14.804	138	43359	39.576	ng/ul	99
52) Acenaphthene	14.974	153	196866	38.533	ng/ul	96
53) 2,4-Dinitrophenol	15.004	184	25803	41.591	ng/ul#	69
55) 4-Nitrophenol	15.086	109	42597	39.979	ng/ul#	77
56) Dibenzofuran	15.303	168	285568	37.351	ng/ul	93
57) 2,4-Dinitrotoluene	15.256	165	63926	46.035	ng/ul#	97
58) 2,3,4,6-Tetrachlorophenol	15.521	232	65331	40.210	ng/ul#	91
59) Diethylphthalate	15.709	149	241052	37.879	ng/ul	95
61) Fluorene	15.955	166	225075	37.575	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.938	204	126723	37.582	ng/ul	89
63) 4-Nitroaniline	15.961	138	47729	42.320	ng/ul#	81
66) 4,6-Dinitro-2-methylph...	16.014	198	37279	41.234	ng/ul	95
67) N-Nitrosodiphenylamine	16.149	169	204857	38.140	ng/ul	98
68) 4-Bromophenyl-phenylether	16.837	248	82270	37.352	ng/ul	94
69) Hexachlorobenzene	16.948	284	93576	38.345	ng/ul	95
70) Atrazine	17.095	200	87125	36.764	ng/ul	94
71) Pentachlorophenol	17.289	266	58294	37.437	ng/ul	97
72) Phenanthrene	17.694	178	408650	38.763	ng/ul	97
74) Anthracene	17.788	178	404087	38.486	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.717	216	110058	36.447	ng/uL	89
76) Pentachlorobenzene	15.221	250	102562	35.224	ng/uL	97
77) Carbazole	18.053	167	375500	40.423	ng/ul	98
78) Di-n-butylphthalate	18.599	149	431939	40.328	ng/ul	98
80) Fluoranthene	19.692	202	524876	33.890	ng/ul#	92
82) Pyrene	20.051	202	528620	34.709	ng/ul#	91
83) Butylbenzylphthalate	20.932	149	193646	37.744	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.843	252	180426	37.338	ng/ul#	96
85) Benzo(a)anthracene	21.942	228	526660	38.759	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.831	149	284123	38.796	ng/ul	97
87) Chrysene	22.013	228	503531	38.224	ng/ul	96
89) Di-n-octyl phthalate	23.129	149	481973	41.811	ng/ul	100
90) Benzo(b)fluoranthene	24.304	252	543545	39.488	ng/ul#	98
91) Benzo(k)fluoranthene	24.381	252	518119	40.086	ng/ul#	98
93) Benzo(a)pyrene	25.250	252	472319	36.126	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	29.375	276	583183	38.172	ng/ul#	94
95) Dibenzo(a,h)anthracene	29.451	278	492359	37.391	ng/ul#	98
96) Benzo(g,h,i)perylene	30.615	276	485660	37.153	ng/ul#	95

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

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