Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092821\
Data File : BG050292.D
Acq On : 28 Sep 2021 19:35
Operator : CG/JU
Sample : PB139299BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS299

Manual Integrations APPROVED
mohammad
9/29/2021 12:53:26 PM

Quant Time: Sep 29 02:12:38 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	8.284	152	30975	20.000	ng/ul	0.00
20) Naphthalene-d8	11.110	136	130251	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.900	164	93526	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.644	188	226716	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.950	240	260908	20.000	ng/ul	# 0.00
88) Perylene-d12	25.382	264	271426	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.648	96	5189	8.101	ng/uL	0.00
4) Pyridine-d5	4.077	84	77946	40.376	ng/ul	-0.02
7) Phenol-d5	7.415	99	90960	36.985	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.597	67	56178	39.355	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.808	132	65130	36.435	ng/ul	0.00
15) 4-Methylphenol-d8	8.977	113	70133	36.199	ng/ul	0.00
21) Nitrobenzene-d5	9.453	128	33003	41.016	ng/ul	-0.01
24) 2-Nitrophenol-d4	10.182	143	35254	39.667	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.717	165	68722	33.148	ng/ul	0.00
31) 4-Chloroaniline-d4	11.239	131	90627	33.276	ng/ul	0.00
46) Dimethylphthalate-d6	14.295	166	223337	35.135	ng/ul	-0.01
49) Acenaphthylene-d8	14.594	160	271116	33.931	ng/ul	-0.01
54) 4-Nitrophenol-d4	15.064	143	42646	39.764	ng/ul	0.00
60) Fluorene-d10	15.887	176	203499	34.967	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.993	200	40404	42.066	ng/ul	0.00
73) Anthracene-d10	17.744	188	337723	34.974	ng/ul	0.00
81) Pyrene-d10	20.012	212	455473	32.243	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.147	264	464106	33.537	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.684	88	11081	13.713	ng/uL	99
5) Pyridine	4.101	79	74662	37.294	ng/ul	95
6) Benzaldehyde	7.420	77	58651	37.571	ng/ul	96
8) Phenol	7.444	94	90819	36.453	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.697	93	68250	36.861	ng/ul	97
12) 2-Chlorophenol	7.843	128	63939	33.941	ng/ul#	77
13) 2-Methylphenol	8.707	108	67831	34.896	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.807	45	101138	41.289	ng/ul#	89
16) Acetophenone	9.113	105	105014	35.482	ng/ul	97
17) N-Nitroso-di-n-propyla...	9.089	70	60199	35.780	ng/ul	97
18) 4-Methylphenol	9.036	108	71710	36.220	ng/ul	85
19) Hexachloroethane	9.383	117	28036	34.683	ng/ul	93
22) Nitrobenzene	9.500	77	91937	39.825	ng/ul	98
23) Isophorone	10.023	82	158788	32.611	ng/ul	97
25) 2-Nitrophenol	10.211	139	34640	37.318	ng/ul#	87
26) 2,4-Dimethylphenol	10.252	107	79859	32.174	ng/ul	86
27) Bis(2-Chloroethoxy)met...	10.499	93	88275	33.210	ng/ul	95
29) 2,4-Dichlorophenol	10.746	162	65790	32.934	ng/ul	97
30) Naphthalene	11.163	128	221993	33.228	ng/ul	98
32) 4-Chloroaniline	11.263	127	87294	32.095	ng/ul	90
33) Hexachlorobutadiene	11.439	225	51781	31.247	ng/ul	92
34) Caprolactam	12.033	113	21509m	34.147	ng/ul	
35) 4-Chloro-3-methylphenol	12.350	107	74824	34.538	ng/ul	97
36) 2-Methylnaphthalene	12.744	142	156669	33.861	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.961	142	150714	32.262	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.102	216	95532	32.444	ng/ul#	97
40) Hexachlorocyclopentadiene	13.084	237	57514	28.316	ng/ul	92
41) 2,4,6-Trichlorophenol	13.337	196	60198	34.669	ng/ul	92
42) 2,4,5-Trichlorophenol	13.402	196	63305	33.887	ng/ul	94
43) 1,1'-Biphenyl	13.737	154	207998	32.784	ng/ul#	98
44) 2-Chloronaphthalene	13.784	162	160825	32.037	ng/ul	97
45) 2-Nitroaniline	13.977	65	52746	44.131	ng/ul	95
47) Dimethylphthalate	14.342	163	211653	33.055	ng/ul	99
48) 2,6-Dinitrotoluene	14.465	165	41917	41.354	ng/ul#	84
50) Acenaphthylene	14.624	152	243434	30.157	ng/ul	97
51) 3-Nitroaniline	14.794	138	42241	37.273	ng/ul	95
52) Acenaphthene	14.964	153	179550	33.975	ng/ul	96
53) 2,4-Dinitrophenol	14.994	184	25937	40.416	ng/ul	85
55) 4-Nitrophenol	15.076	109	41228m	37.407	ng/ul	
56) Dibenzofuran	15.294	168	258780	32.721	ng/ul	94
57) 2,4-Dinitrotoluene	15.247	165	59995	41.767	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.511	232	58764	34.965	ng/ul	90
59) Diethylphthalate	15.699	149	227327	34.534	ng/ul	95
61) Fluorene	15.940	166	206827	33.380	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.928	204	114208	32.744	ng/ul	89
63) 4-Nitroaniline	15.952	138	44765	38.372	ng/ul	84
66) 4,6-Dinitro-2-methylph...	16.004	198	38653	40.058	ng/ul#	97
67) N-Nitrosodiphenylamine	16.140	169	189608	33.075	ng/ul	97
68) 4-Bromophenyl-phenylether	16.821	248	77105	32.799	ng/ul	95
69) Hexachlorobenzene	16.939	284	83850	32.193	ng/ul	99
70) Atrazine	17.080	200	81333	32.155	ng/ul	96
71) Pentachlorophenol	17.279	266	55918	33.646	ng/ul	93
72) Phenanthrene	17.685	178	383803	34.110	ng/ul	97
74) Anthracene	17.779	178	377024	33.644	ng/ul	94
75) 1,2,3,4-Tetrachloroben...	13.707	216	100996	31.337	ng/uL	92
76) Pentachlorobenzene	15.211	250	91918	29.578	ng/uL	97
77) Carbazole	18.037	167	360578	36.369	ng/ul	98
78) Di-n-butylphthalate	18.584	149	425652	37.235	ng/ul	99
80) Fluoranthene	19.683	202	524271	29.274	ng/ul#	92
82) Pyrene	20.041	202	524273	29.770	ng/ul#	91
83) Butylbenzylphthalate	20.916	149	195787	33.002	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.833	252	178301	31.910	ng/ul#	98
85) Benzo(a)anthracene	21.927	228	528084	33.610	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.815	149	281353	33.224	ng/ul	99
87) Chrysene	21.997	228	504850	33.143	ng/ul	94
89) Di-n-octyl phthalate	23.108	149	483476	36.337	ng/ul	100
90) Benzo(b)fluoranthene	24.283	252	530652	33.399	ng/ul#	98
91) Benzo(k)fluoranthene	24.359	252	525844	35.247	ng/ul#	98
93) Benzo(a)pyrene	25.223	252	476592	31.581	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.330	276	603084	34.199	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.406	278	500179	32.909	ng/ul#	95
96) Benzo(g,h,i)perylene	30.576	276	492951	32.671	ng/ul#	91

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

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