Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092721\
Data File : BG050280.D
Acq On : 27 Sep 2021 16:56
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020514

Manual Integrations APPROVED
mohammad
9/28/2021 1:39:45 PM

Quant Time: Sep 27 18:11:39 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	8.288	152	36878	20.000	ng/ul	0.00
20) Naphthalene-d8	11.114	136	145483	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.904	164	98872	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.648	188	230243	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.954	240	254585	20.000	ng/ul	# 0.00
88) Perylene-d12	25.397	264	273865	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.658	96	7972	10.454	ng/uL	0.00
4) Pyridine-d5	4.087	84	53255	23.171	ng/ul	0.00
7) Phenol-d5	7.418	99	60268	20.583	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.606	67	37703	22.185	ng/ul	0.00
11) 2-Chlorophenol-d4	7.812	132	44366	20.847	ng/ul	0.00
15) 4-Methylphenol-d8	8.975	113	46911	20.338	ng/ul	0.00
21) Nitrobenzene-d5	9.457	128	20644	22.970	ng/ul	0.00
24) 2-Nitrophenol-d4	10.186	143	21518	21.677	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.720	165	46668	20.153	ng/ul	0.00
31) 4-Chloroaniline-d4	11.237	131	60535	19.900	ng/ul	0.00
46) Dimethylphthalate-d6	14.299	166	136282	20.281	ng/ul	0.00
49) Acenaphthylene-d8	14.598	160	178163	21.092	ng/ul	0.00
54) 4-Nitrophenol-d4	15.068	143	24263	21.400	ng/ul	0.00
60) Fluorene-d10	15.891	176	126261	20.522	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.991	200	22304	22.866	ng/ul	0.00
73) Anthracene-d10	17.747	188	202924	20.692	ng/ul	0.00
81) Pyrene-d10	20.015	212	246744	17.901	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.156	264	285434	20.442	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.693	88	8947	9.300	ng/uL#	66
5) Pyridine	4.111	79	55977	23.485	ng/ul	95
6) Benzaldehyde	7.424	77	45461	24.461	ng/ul	93
8) Phenol	7.448	94	63292	21.338	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.695	93	48355	21.936	ng/ul	95
12) 2-Chlorophenol	7.847	128	45098	20.107	ng/ul#	83
13) 2-Methylphenol	8.711	108	46003	19.878	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.817	45	66213	22.704	ng/ul#	93
16) Acetophenone	9.116	105	74038	21.012	ng/ul	95
17) N-Nitroso-di-n-propyla...	9.093	70	42593	21.263	ng/ul	97
18) 4-Methylphenol	9.040	108	49054	20.810	ng/ul#	79
19) Hexachloroethane	9.387	117	20100	20.886	ng/ul#	88
22) Nitrobenzene	9.498	77	61100	23.696	ng/ul	97
23) Isophorone	10.027	82	110275	20.276	ng/ul	97
25) 2-Nitrophenol	10.215	139	23871	23.024	ng/ul#	86
26) 2,4-Dimethylphenol	10.256	107	56512	20.384	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.503	93	60672	20.436	ng/ul	97
29) 2,4-Dichlorophenol	10.744	162	44473	19.932	ng/ul	99
30) Naphthalene	11.167	128	154187	20.663	ng/ul	98
32) 4-Chloroaniline	11.267	127	62887	20.700	ng/ul	90
33) Hexachlorobutadiene	11.443	225	36259	19.589	ng/ul	95
34) Caprolactam	12.042	113	13862m	19.703	ng/ul	
35) 4-Chloro-3-methylphenol	12.354	107	48191	19.916	ng/ul	95
36) 2-Methylnaphthalene	12.753	142	103933	20.111	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.965	142	103597	19.854	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	13.106	216	64541	20.734	ng/ul#	95
40) Hexachlorocyclopentadiene	13.082	237	45720	21.292	ng/ul	96
41) 2,4,6-Trichlorophenol	13.335	196	39090	21.295	ng/ul	89
42) 2,4,5-Trichlorophenol	13.406	196	41085	20.803	ng/ul	92
43) 1,1'-Biphenyl	13.740	154	142677	21.272	ng/ul#	97
44) 2-Chloronaphthalene	13.787	162	111005	20.917	ng/ul	97
45) 2-Nitroaniline	13.981	65	31785	25.155	ng/ul	97
47) Dimethylphthalate	14.346	163	139250	20.572	ng/ul	99
48) 2,6-Dinitrotoluene	14.463	165	25405	23.709	ng/ul#	88
50) Acenaphthylene	14.628	152	180076	21.102	ng/ul	98
51) 3-Nitroaniline	14.798	138	26967	22.509	ng/ul	97
52) Acenaphthene	14.968	153	117229	20.983	ng/ul	97
53) 2,4-Dinitrophenol	14.998	184	14744	21.732	ng/ul#	76
55) 4-Nitrophenol	15.080	109	23558	20.219	ng/ul#	69
56) Dibenzofuran	15.297	168	176156	21.070	ng/ul	92
57) 2,4-Dinitrotoluene	15.250	165	36464	24.013	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.515	232	36656	20.631	ng/ul#	95
59) Diethylphthalate	15.703	149	139964	20.113	ng/ul	95
61) Fluorene	15.950	166	135178	20.637	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.932	204	75000	20.340	ng/ul	93
63) 4-Nitroaniline	15.950	138	27127	21.995	ng/ul	83
66) 4,6-Dinitro-2-methylph...	16.008	198	21207	21.641	ng/ul	95
67) N-Nitrosodiphenylamine	16.143	169	121429	20.857	ng/ul	98
68) 4-Bromophenyl-phenylether	16.831	248	47789	20.017	ng/ul	94
69) Hexachlorobenzene	16.943	284	54057	20.436	ng/ul	97
70) Atrazine	17.084	200	51739	20.142	ng/ul	99
71) Pentachlorophenol	17.283	266	33546	19.876	ng/ul	95
72) Phenanthrene	17.689	178	242525	21.224	ng/ul	98
74) Anthracene	17.783	178	241043	21.180	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.711	216	69563	21.253	ng/uL	93
76) Pentachlorobenzene	15.215	250	65824	20.857	ng/uL	98
77) Carbazole	18.047	167	219100	21.761	ng/ul	99
78) Di-n-butylphthalate	18.594	149	250402	21.569	ng/ul	98
80) Fluoranthene	19.686	202	314470	17.996	ng/ul#	92
82) Pyrene	20.045	202	313699	18.255	ng/ul#	92
83) Butylbenzylphthalate	20.926	149	114719	19.817	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.837	252	119109	21.846	ng/ul#	96
85) Benzo(a)anthracene	21.931	228	320348	20.895	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.825	149	170944	20.688	ng/ul	96
87) Chrysene	22.001	228	309935	20.852	ng/ul	96
89) Di-n-octyl phthalate	23.124	149	291096	21.683	ng/ul	100
90) Benzo(b)fluoranthene	24.293	252	325988	20.335	ng/ul#	98
91) Benzo(k)fluoranthene	24.369	252	315899	20.986	ng/ul#	97
93) Benzo(a)pyrene	25.233	252	312641	20.533	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	29.352	276	357150	20.073	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.422	278	307325	20.040	ng/ul#	96
96) Benzo(g,h,i)perylene	30.585	276	296087	19.449	ng/ul#	94

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

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