Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080521\
Data File : BG049669.D
Acq On : 6 Aug 2021 4:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020475

Manual Integrations APPROVED
mohammad
8/6/2021 2:48:44 PM

Quant Time: Aug 06 09:21:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 04 16:17:29 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	33714	20.000	ng/ul	0.00
20) Naphthalene-d8	10.860	136	141723	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.690	164	93952	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.440	188	204058	20.000	ng/ul	0.00
79) Chrysene-d12	21.722	240	193513	20.000	ng/ul	0.00
88) Perylene-d12	24.994	264	202371	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.423	96	6258	8.678	ng/uL	0.00
4) Pyridine-d5	3.846	84	41758	19.298	ng/ul	0.00
7) Phenol-d5	7.195	99	63118	20.629	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.359	67	34652	19.716	ng/ul	0.00
11) 2-Chlorophenol-d4	7.571	132	47995	21.916	ng/ul	0.00
15) 4-Methylphenol-d8	8.745	113	47291	20.271	ng/ul	0.00
21) Nitrobenzene-d5	9.209	128	24301	21.768	ng/ul	0.00
24) 2-Nitrophenol-d4	9.938	143	27858	21.850	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.478	165	50482	20.999	ng/ul	0.00
31) 4-Chloroaniline-d4	10.995	131	63960	19.435	ng/ul	0.00
46) Dimethylphthalate-d6	14.091	166	151630	20.566	ng/ul	0.00
49) Acenaphthylene-d8	14.385	160	178076	20.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.884	143	23614	19.809	ng/ul	0.00
60) Fluorene-d10	15.683	176	129693	20.464	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.801	200	25879	18.843	ng/ul	0.00
73) Anthracene-d10	17.539	188	194839	20.228	ng/ul	0.00
81) Pyrene-d10	19.830	212	218757	20.517	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.771	264	234480	21.146	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.458	88	6798	7.779	ng/uL#	89
5) Pyridine	3.870	79	45502m	18.966	ng/ul	
6) Benzaldehyde	7.171	77	29645	18.180	ng/ul#	78
8) Phenol	7.218	94	61916	20.425	ng/ul#	93
10) Bis(2-Chloroethyl)ether	7.453	93	43880	20.865	ng/ul	92
12) 2-Chlorophenol	7.600	128	46884	21.408	ng/ul	97
13) 2-Methylphenol	8.481	108	50791	21.399	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.575	45	50626	21.063	ng/ul#	92
16) Acetophenone	8.869	105	79503	20.533	ng/ul	90
17) N-Nitroso-di-n-propyla...	8.851	70	40107	19.268	ng/ul	95
18) 4-Methylphenol	8.810	108	51596	20.807	ng/ul	87
19) Hexachloroethane	9.133	117	22165	22.822	ng/ul#	87
22) Nitrobenzene	9.251	77	70168	21.195	ng/ul#	97
23) Isophorone	9.773	82	119381	21.324	ng/ul	98
25) 2-Nitrophenol	9.967	139	28382	21.734	ng/ul#	89
26) 2,4-Dimethylphenol	10.020	107	61771	20.497	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.255	93	58800	20.731	ng/ul	95
29) 2,4-Dichlorophenol	10.508	162	48738	21.434	ng/ul#	91
30) Naphthalene	10.913	128	157515	21.283	ng/ul	99
32) 4-Chloroaniline	11.019	127	62139	19.731	ng/ul	95
33) Hexachlorobutadiene	11.195	225	38152	20.427	ng/ul	86
34) Caprolactam	11.777	113	14719m	20.247	ng/ul	
35) 4-Chloro-3-methylphenol	12.141	107	58469	22.188	ng/ul	88
36) 2-Methylnaphthalene	12.517	142	113836	20.087	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.734	142	109392	19.837	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.887	216	62856	21.542	ng/ul	99
40) Hexachlorocyclopentadiene	12.863	237	35920	20.871	ng/ul	94
41) 2,4,6-Trichlorophenol	13.128	196	38411	20.571	ng/ul#	88
42) 2,4,5-Trichlorophenol	13.198	196	41440	20.683	ng/ul	96
43) 1,1'-Biphenyl	13.521	154	149250	21.325	ng/ul	97
44) 2-Chloronaphthalene	13.568	162	119834	21.873	ng/ul	95
45) 2-Nitroaniline	13.768	65	43016	22.302	ng/ul	92
47) Dimethylphthalate	14.138	163	156744	21.418	ng/ul#	96
48) 2,6-Dinitrotoluene	14.267	165	33137	22.170	ng/ul	92
50) Acenaphthylene	14.414	152	177725	21.474	ng/ul	97
51) 3-Nitroaniline	14.596	138	25050	18.826	ng/ul#	98
52) Acenaphthene	14.755	153	124774	21.107	ng/ul	96
53) 2,4-Dinitrophenol	14.802	184	15649	19.003	ng/ul	100
55) 4-Nitrophenol	14.902	109	31366	20.120	ng/ul	91
56) Dibenzofuran	15.090	168	174107	21.231	ng/ul	99
57) 2,4-Dinitrotoluene	15.055	165	46985	21.793	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.319	232	37406	22.656	ng/ul	97
59) Diethylphthalate	15.501	149	156012	21.144	ng/ul	97
61) Fluorene	15.742	166	140701	21.098	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.730	204	78164	21.529	ng/ul	97
63) 4-Nitroaniline	15.754	138	22389	17.996	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.818	198	26882	20.888	ng/ul	97
67) N-Nitrosodiphenylamine	15.942	169	116447	20.705	ng/ul	92
68) 4-Bromophenyl-phenylether	16.623	248	50959	21.469	ng/ul	98
69) Hexachlorobenzene	16.746	284	58111	21.626	ng/ul	96
70) Atrazine	16.887	200	52771	21.330	ng/ul	94
71) Pentachlorophenol	17.093	266	25975	20.185	ng/ul	96
72) Phenanthrene	17.486	178	227498	21.064	ng/ul	97
74) Anthracene	17.575	178	231342	21.413	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.492	216	64075	21.378	ng/uL	93
76) Pentachlorobenzene	15.008	250	65403	20.691	ng/uL	92
77) Carbazole	17.845	167	194156	20.110	ng/ul	100
78) Di-n-butylphthalate	18.397	149	253246	21.454	ng/ul	99
80) Fluoranthene	19.496	202	284799	21.644	ng/ul	99
82) Pyrene	19.860	202	281820	21.473	ng/ul	98
83) Butylbenzylphthalate	20.735	149	110293	22.052	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.616	252	97399	21.260	ng/ul	97
85) Benzo(a)anthracene	21.704	228	270319	21.276	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.599	149	160337	21.885	ng/ul	100
87) Chrysene	21.769	228	250501	21.111	ng/ul	98
89) Di-n-octyl phthalate	22.826	149	269752	21.370	ng/ul	100
90) Benzo(b)fluoranthene	23.954	252	286437	21.655	ng/ul	99
91) Benzo(k)fluoranthene	24.019	252	276400	21.045	ng/ul	97
93) Benzo(a)pyrene	24.841	252	252014	21.643	ng/ul#	99
94) Indeno(1,2,3-cd)pyrene	28.742	276	319077	20.881	ng/ul	98
95) Dibenzo(a,h)anthracene	28.806	278	274458	21.530	ng/ul	99
96) Benzo(g,h,i)perylene	29.911	276	269435	21.203	ng/ul	96

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

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