Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070523\
Data File : BG058066.D
Acq On : 7 Jul 2023 5:01
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 54 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020498

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/07/2023
Supervised By :Sohil Jodhani 07/07/2023

Quant Time: Jul 07 05:50:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 05 23:20:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	40397	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	196360	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.553	164	145476	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.297	188	358200	20.000	ng/ul	0.00
79) Chrysene-d12	21.551	240	308374	20.000	ng/ul	0.00
88) Perylene-d12	24.706	264	390758	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.355	96	10255	8.889	ng/uL	0.00
4) Pyridine-d5	3.760	84	74907	21.388	ng/ul	-0.01
7) Phenol-d5	7.080	99	89851	21.779	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.244	67	56227	22.616	ng/ul	0.00
11) 2-Chlorophenol-d4	7.450	132	61582	21.643	ng/ul	0.00
15) 4-Methylphenol-d8	8.625	113	69606	22.360	ng/ul	0.00
21) Nitrobenzene-d5	9.077	128	34277	21.418	ng/ul	0.00
24) 2-Nitrophenol-d4	9.800	143	38450	22.859	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.341	165	71871	22.274	ng/ul	0.00
31) 4-Chloroaniline-d4	10.858	131	108327	22.143	ng/ul	0.00
46) Dimethylphthalate-d6	13.960	166	247241	21.540	ng/ul	0.00
49) Acenaphthylene-d8	14.248	160	271999	21.716	ng/ul	0.00
54) 4-Nitrophenol-d4	14.759	143	39372	19.415	ng/ul	0.00
60) Fluorene-d10	15.546	176	215760	22.134	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.664	200	41892	21.538	ng/ul	0.00
73) Anthracene-d10	17.397	188	357860	21.530	ng/ul	0.00
81) Pyrene-d10	19.688	212	407727	20.994	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.489	264	412469	20.719	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.390	88	11168	7.836	ng/uL	96
5) Pyridine	3.784	79	79479	22.148	ng/ul	97
6) Benzaldehyde	7.056	77	17826	12.938	ng/ul	91
8) Phenol	7.109	94	93113	22.241	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.332	93	72399	22.397	ng/ul	97
12) 2-Chlorophenol	7.479	128	64740	21.865	ng/ul	99
13) 2-Methylphenol	8.361	108	72382	22.014	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.443	45	117352m	23.584	ng/ul	
16) Acetophenone	8.737	105	122111	23.643	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.719	70	64780	23.463	ng/ul	97
18) 4-Methylphenol	8.684	108	82729	23.270	ng/ul	95
19) Hexachloroethane	9.001	117	24436	21.528	ng/ul	93
22) Nitrobenzene	9.118	77	90276	21.729	ng/ul	99
23) Isophorone	9.636	82	197426	22.270	ng/ul	99
25) 2-Nitrophenol	9.835	139	40859	22.638	ng/ul#	90
26) 2,4-Dimethylphenol	9.894	107	90003	22.176	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.123	93	106832	21.385	ng/ul	97
29) 2,4-Dichlorophenol	10.370	162	69847	22.264	ng/ul	95
30) Naphthalene	10.769	128	237479	21.520	ng/ul	98
32) 4-Chloroaniline	10.881	127	111114	22.213	ng/ul	100
33) Hexachlorobutadiene	11.052	225	49672	22.364	ng/ul	97
34) Caprolactam	11.633	113	27692	21.955	ng/ul	97
35) 4-Chloro-3-methylphenol	12.009	107	89453	23.212	ng/ul	98
36) 2-Methylnaphthalene	12.379	142	164078	22.057	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.597	142	166977	22.385	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.750	216	97464	21.985	ng/ul	98
40) Hexachlorocyclopentadiene	12.726	237	55105	19.734	ng/ul	98
41) 2,4,6-Trichlorophenol	12.990	196	68895	22.929	ng/ul	98
42) 2,4,5-Trichlorophenol	13.061	196	74565	22.946	ng/ul	97
43) 1,1'-Biphenyl	13.390	154	225605	21.520	ng/ul	99
44) 2-Chloronaphthalene	13.431	162	179979	21.391	ng/ul	99
45) 2-Nitroaniline	13.631	65	64944	22.200	ng/ul	92
47) Dimethylphthalate	14.007	163	251525	21.811	ng/ul	99
48) 2,6-Dinitrotoluene	14.130	165	52511	22.184	ng/ul	99
50) Acenaphthylene	14.277	152	293026	21.664	ng/ul	99
51) 3-Nitroaniline	14.459	138	36233	18.113	ng/ul	96
52) Acenaphthene	14.618	153	200463	21.598	ng/ul	99
53) 2,4-Dinitrophenol	14.665	184	25416	20.596	ng/ul	92
55) 4-Nitrophenol	14.771	109	31701	21.102	ng/ul	92
56) Dibenzofuran	14.953	168	288382	21.857	ng/ul	99
57) 2,4-Dinitrotoluene	14.918	165	76233	22.731	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.182	232	67992	22.984	ng/ul	98
59) Diethylphthalate	15.370	149	259134	21.530	ng/ul	100
61) Fluorene	15.599	166	236621	21.858	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.593	204	128080	22.360	ng/ul	98
63) 4-Nitroaniline	15.617	138	28984m	16.174	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.681	198	43670	21.955	ng/ul	99
67) N-Nitrosodiphenylamine	15.805	169	203463	21.343	ng/ul	100
68) 4-Bromophenyl-phenylether	16.486	248	89482	22.758	ng/ul	98
69) Hexachlorobenzene	16.604	284	99559	22.616	ng/ul	99
70) Atrazine	16.757	200	81316	20.860	ng/ul	97
71) Pentachlorophenol	16.950	266	53400	20.205	ng/ul	99
72) Phenanthrene	17.344	178	387594	21.272	ng/ul	99
74) Anthracene	17.432	178	393771	21.356	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.355	216	104243	21.943	ng/uL	95
76) Pentachlorobenzene	14.871	250	112536	22.181	ng/uL	98
77) Carbazole	17.703	167	352034	21.111	ng/ul	99
78) Di-n-butylphthalate	18.255	149	448033	21.092	ng/ul	99
80) Fluoranthene	19.354	202	468497	20.818	ng/ul	99
82) Pyrene	19.718	202	471253	20.803	ng/ul	99
83) Butylbenzylphthalate	20.599	149	193570	21.072	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	154224	20.658	ng/ul	97
85) Benzo(a)anthracene	21.533	228	478654	21.618	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	282134	21.433	ng/ul	96
87) Chrysene	21.598	228	453231	21.836	ng/ul	98
89) Di-n-octyl phthalate	22.620	149	497032	20.702	ng/ul	100
90) Benzo(b)fluoranthene	23.701	252	506343	20.928	ng/ul	99
91) Benzo(k)fluoranthene	23.766	252	491342	20.719	ng/ul	98
93) Benzo(a)pyrene	24.559	252	437921	20.449	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.296	276	597233	21.002	ng/ul	98
95) Dibenzo(a,h)anthracene	28.361	278	498361	21.253	ng/ul	98
96) Benzo(g,h,i)perylene	29.424	276	482741	20.783	ng/ul	99

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

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