Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070323\
Data File : BG057987.D
Acq On : 4 Jul 2023 14:45
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020491

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :mohammad ahmed 07/05/2023

Quant Time: Jul 05 00:56:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG070123.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 05:09:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	60360	20.000	ng/ul	0.00
20) Naphthalene-d8	10.743	136	267437	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.574	164	180351	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.318	188	398097	20.000	ng/ul	0.00
79) Chrysene-d12	21.572	240	324263	20.000	ng/ul	0.00
88) Perylene-d12	24.738	264	408293	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	12190	7.072	ng/uL	0.00
4) Pyridine-d5	3.787	84	96002	18.345	ng/ul	0.00
7) Phenol-d5	7.106	99	121963	19.785	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.265	67	70073	18.863	ng/ul	0.00
11) 2-Chlorophenol-d4	7.470	132	84244	19.815	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	90144	19.381	ng/ul	0.00
21) Nitrobenzene-d5	9.104	128	44316	20.331	ng/ul	0.00
24) 2-Nitrophenol-d4	9.826	143	48148	21.017	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.367	165	94837	21.580	ng/ul	0.00
31) 4-Chloroaniline-d4	10.878	131	125409	18.822	ng/ul	0.00
46) Dimethylphthalate-d6	13.975	166	264856	18.613	ng/ul	0.00
49) Acenaphthylene-d8	14.268	160	316644	20.392	ng/ul	0.00
54) 4-Nitrophenol-d4	14.774	143	43771	17.410	ng/ul	0.00
60) Fluorene-d10	15.567	176	237042	19.615	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.684	200	40298	18.642	ng/ul	0.00
73) Anthracene-d10	17.418	188	372503	20.165	ng/ul	0.00
81) Pyrene-d10	19.703	212	409770	20.065	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.521	264	407741	19.601	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	14132	6.636	ng/uL	94
5) Pyridine	3.804	79	99015	18.466	ng/ul	97
6) Benzaldehyde	7.077	77	26093	12.675	ng/ul	97
8) Phenol	7.136	94	124635	19.925	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.359	93	89571	18.545	ng/ul	97
12) 2-Chlorophenol	7.506	128	88069	19.906	ng/ul	95
13) 2-Methylphenol	8.381	108	97494	19.845	ng/ul	93
14) 2,2'-oxybis(1-Chloropr...	8.469	45	144747	19.469	ng/ul	99
16) Acetophenone	8.763	105	148011	19.180	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.745	70	74791	18.129	ng/ul	99
18) 4-Methylphenol	8.710	108	105516	19.863	ng/ul	100
19) Hexachloroethane	9.022	117	34329	20.241	ng/ul	94
22) Nitrobenzene	9.145	77	112453	19.873	ng/ul	96
23) Isophorone	9.662	82	222420	18.421	ng/ul	99
25) 2-Nitrophenol	9.856	139	52009	21.157	ng/ul	96
26) 2,4-Dimethylphenol	9.915	107	112330	20.321	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.150	93	128895	18.944	ng/ul	99
29) 2,4-Dichlorophenol	10.391	162	89943	21.050	ng/ul	94
30) Naphthalene	10.796	128	300662	20.005	ng/ul	99
32) 4-Chloroaniline	10.902	127	128759	18.899	ng/ul	96
33) Hexachlorobutadiene	11.072	225	62914	20.798	ng/ul	98
34) Caprolactam	11.660	113	29652m	17.261	ng/ul	
35) 4-Chloro-3-methylphenol	12.030	107	105179	20.039	ng/ul	97
36) 2-Methylnaphthalene	12.400	142	201579	19.897	ng/ul	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.623	142	200434	19.728	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.770	216	119178	21.684	ng/ul	99
40) Hexachlorocyclopentadiene	12.747	237	50439	14.570	ng/ul	96
41) 2,4,6-Trichlorophenol	13.011	196	80844	21.703	ng/ul	98
42) 2,4,5-Trichlorophenol	13.087	196	85855	21.312	ng/ul	97
43) 1,1'-Biphenyl	13.411	154	268790	20.681	ng/ul	99
44) 2-Chloronaphthalene	13.452	162	216619	20.767	ng/ul	98
45) 2-Nitroaniline	13.657	65	73245	20.196	ng/ul	96
47) Dimethylphthalate	14.027	163	265245	18.553	ng/ul	99
48) 2,6-Dinitrotoluene	14.151	165	57969	19.754	ng/ul	97
50) Acenaphthylene	14.298	152	341302	20.354	ng/ul	99
51) 3-Nitroaniline	14.480	138	45875	18.499	ng/ul#	99
52) Acenaphthene	14.639	153	232601	20.215	ng/ul	98
53) 2,4-Dinitrophenol	14.685	184	24421	15.963	ng/ul	94
55) 4-Nitrophenol	14.791	109	32959	17.697	ng/ul	90
56) Dibenzofuran	14.973	168	330570	20.210	ng/ul	100
57) 2,4-Dinitrotoluene	14.938	165	81167	19.522	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.197	232	74327	20.267	ng/ul	98
59) Diethylphthalate	15.385	149	272560	18.266	ng/ul	99
61) Fluorene	15.620	166	263849	19.660	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.614	204	142672	20.091	ng/ul	97
63) 4-Nitroaniline	15.637	138	26620m	11.983	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.696	198	41306	18.685	ng/ul#	99
67) N-Nitrosodiphenylamine	15.825	169	223113	21.059	ng/ul	98
68) 4-Bromophenyl-phenylether	16.507	248	94659	21.662	ng/ul	99
69) Hexachlorobenzene	16.624	284	104038	21.265	ng/ul	99
70) Atrazine	16.771	200	84244	19.445	ng/ul	97
71) Pentachlorophenol	16.971	266	58162	19.802	ng/ul	97
72) Phenanthrene	17.359	178	408310	20.164	ng/ul	99
74) Anthracene	17.453	178	414916	20.248	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.375	216	125631	23.795	ng/uL	99
76) Pentachlorobenzene	14.891	250	128318	22.757	ng/uL	97
77) Carbazole	17.717	167	373101	20.132	ng/ul	99
78) Di-n-butylphthalate	18.275	149	457862	19.394	ng/ul	100
80) Fluoranthene	19.368	202	469363	19.834	ng/ul	98
82) Pyrene	19.733	202	472923	19.854	ng/ul	99
83) Butylbenzylphthalate	20.614	149	197833	20.481	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.472	252	170016	21.658	ng/ul	98
85) Benzo(a)anthracene	21.554	228	470066	20.190	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.454	149	282959	20.442	ng/ul	97
87) Chrysene	21.619	228	441466	20.227	ng/ul	97
89) Di-n-octyl phthalate	22.641	149	501050	19.973	ng/ul	100
90) Benzo(b)fluoranthene	23.728	252	490582	19.406	ng/ul	99
91) Benzo(k)fluoranthene	23.798	252	486543	19.635	ng/ul	99
93) Benzo(a)pyrene	24.592	252	429907	19.213	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.346	276	549035	18.478	ng/ul	97
95) Dibenzo(a,h)anthracene	28.411	278	470792	19.215	ng/ul	97
96) Benzo(g,h,i)perylene	29.480	276	417549	17.205	ng/ul	99

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

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