Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058321.D
Acq On : 19 Jul 2023 6:13
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTD020524

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/20/2023
Supervised By :mohammad ahmed 07/20/2023

Quant Time: Jul 19 07:15:03 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG071723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 18 02:19:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.897	152	46988	20.000	ng/ul	0.00
20) Naphthalene-d8	10.699	136	231759	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.536	164	172885	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	424702	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240	355142	20.000	ng/ul	0.00
88) Perylene-d12	24.659	264	433576	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.337	96	10164	7.962	ng/uL	0.00
4) Pyridine-d5	3.749	84	73402	19.371	ng/ul	0.00
7) Phenol-d5	7.062	99	90661	20.339	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	54336	19.503	ng/ul	0.00
11) 2-Chlorophenol-d4	7.427	132	63770	20.438	ng/ul	0.00
15) 4-Methylphenol-d8	8.602	113	68151	20.044	ng/ul	0.00
21) Nitrobenzene-d5	9.054	128	33422	19.239	ng/ul	0.00
24) 2-Nitrophenol-d4	9.783	143	37771	19.916	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.317	165	71870	19.769	ng/ul	0.00
31) 4-Chloroaniline-d4	10.834	131	107564	20.409	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	230492	17.289	ng/ul	0.00
49) Acenaphthylene-d8	14.230	160	267251	19.129	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	37180	18.467	ng/ul	0.00
60) Fluorene-d10	15.523	176	211026	19.119	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.646	200	37433	17.300	ng/ul	0.00
73) Anthracene-d10	17.380	188	347212	18.921	ng/ul	0.00
81) Pyrene-d10	19.665	212	394702	18.817	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.448	264	386826	18.459	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	11728	8.099	ng/uL	90
5) Pyridine	3.766	79	80135	20.025	ng/ul	100
6) Benzaldehyde	7.033	77	26724m	14.845	ng/ul	
8) Phenol	7.086	94	94488	20.412	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.315	93	71343	20.118	ng/ul	97
12) 2-Chlorophenol	7.462	128	65630	20.095	ng/ul	97
13) 2-Methylphenol	8.337	108	74166	20.557	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.425	45	116326m	20.017	ng/ul	
16) Acetophenone	8.719	105	116540	20.127	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.696	70	60838	19.198	ng/ul	98
18) 4-Methylphenol	8.666	108	81579	20.807	ng/ul	97
19) Hexachloroethane	8.978	117	26249	20.389	ng/ul	90
22) Nitrobenzene	9.101	77	86950	18.769	ng/ul	100
23) Isophorone	9.618	82	185868	17.896	ng/ul	99
25) 2-Nitrophenol	9.812	139	40047	19.769	ng/ul	96
26) 2,4-Dimethylphenol	9.871	107	86371	19.122	ng/ul	97
27) Bis(2-Chloroethoxy)met...	10.100	93	101603	18.471	ng/ul	97
29) 2,4-Dichlorophenol	10.347	162	69774	20.221	ng/ul	95
30) Naphthalene	10.746	128	237724	19.190	ng/ul	99
32) 4-Chloroaniline	10.858	127	108377	20.120	ng/ul	99
33) Hexachlorobutadiene	11.028	225	47616	19.298	ng/ul	98
34) Caprolactam	11.610	113	26886m	18.760	ng/ul	
35) 4-Chloro-3-methylphenol	11.986	107	87194	19.856	ng/ul	95
36) 2-Methylnaphthalene	12.356	142	161152	19.417	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.579	142	162954	19.157	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.726	216	94739	18.930	ng/ul	100
40) Hexachlorocyclopentadiene	12.703	237	40622	15.091	ng/ul	98
41) 2,4,6-Trichlorophenol	12.967	196	65949	19.466	ng/ul	97
42) 2,4,5-Trichlorophenol	13.044	196	70314	19.463	ng/ul	99
43) 1,1'-Biphenyl	13.367	154	221454	18.943	ng/ul	99
44) 2-Chloronaphthalene	13.414	162	178767	19.233	ng/ul	98
45) 2-Nitroaniline	13.614	65	63904	19.793	ng/ul	98
47) Dimethylphthalate	13.984	163	237207	17.714	ng/ul	99
48) 2,6-Dinitrotoluene	14.107	165	50585	19.548	ng/ul	94
50) Acenaphthylene	14.260	152	289120	19.171	ng/ul	98
51) 3-Nitroaniline	14.442	138	37642	17.455	ng/ul	90
52) Acenaphthene	14.601	153	198124	18.922	ng/ul	98
53) 2,4-Dinitrophenol	14.648	184	20354	14.780	ng/ul	91
55) 4-Nitrophenol	14.753	109	28801	18.574	ng/ul	95
56) Dibenzofuran	14.930	168	283404	19.009	ng/ul	99
57) 2,4-Dinitrotoluene	14.900	165	72215	19.349	ng/ul#	95
58) 2,3,4,6-Tetrachlorophenol	15.159	232	64526	19.332	ng/ul#	98
59) Diethylphthalate	15.347	149	245751	17.814	ng/ul	99
61) Fluorene	15.582	166	236700	19.360	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.570	204	123651	19.051	ng/ul	99
63) 4-Nitroaniline	15.605	138	27576	14.132	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.664	198	38296	17.203	ng/ul	98
67) N-Nitrosodiphenylamine	15.787	169	196370	18.653	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	85106	18.919	ng/ul	97
69) Hexachlorobenzene	16.587	284	96070	18.926	ng/ul	97
70) Atrazine	16.733	200	78630	19.050	ng/ul	96
71) Pentachlorophenol	16.933	266	46671m	16.380	ng/ul	
72) Phenanthrene	17.321	178	382616	18.957	ng/ul	99
74) Anthracene	17.415	178	387447	19.122	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.332	216	100650	18.894	ng/uL	98
76) Pentachlorobenzene	14.853	250	111874	19.204	ng/uL	96
77) Carbazole	17.685	167	351443	20.010	ng/ul	100
78) Di-n-butylphthalate	18.238	149	434911	19.487	ng/ul	99
80) Fluoranthene	19.330	202	454663	18.921	ng/ul	100
82) Pyrene	19.695	202	457694	18.798	ng/ul	100
83) Butylbenzylphthalate	20.576	149	186996	19.504	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.428	252	162256	20.467	ng/ul#	94
85) Benzo(a)anthracene	21.510	228	455338	19.075	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	269770	19.782	ng/ul	100
87) Chrysene	21.575	228	418261	18.473	ng/ul	99
89) Di-n-octyl phthalate	22.585	149	462725	20.058	ng/ul	100
90) Benzo(b)fluoranthene	23.666	252	458953	18.295	ng/ul	98
91) Benzo(k)fluoranthene	23.731	252	469744	18.775	ng/ul	98
93) Benzo(a)pyrene	24.513	252	408531	18.309	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.226	276	552573	18.796	ng/ul	98
95) Dibenzo(a,h)anthracene	28.285	278	455631	18.901	ng/ul	98
96) Benzo(g,h,i)perylene	29.342	276	451607	18.855	ng/ul	99

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

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