Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071823\
Data File : BG058345.D
Acq On : 20 Jul 2023 3:05
Operator : CG/JU
Sample : 03452-23MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A46Q0MSD

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

Quant Time: Jul 20 04:28:17 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	41274	20.000	ng/ul	0.00
20) Naphthalene-d8	10.694	136	194566	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.530	164	143889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.280	188	328611	20.000	ng/ul	0.00
79) Chrysene-d12	21.528	240	268074	20.000	ng/ul	0.00
88) Perylene-d12	24.660	264	321660	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.338	96	2695	2.403	ng/uL	0.00
4) Pyridine-d5	3.749	84	39388	11.834	ng/ul	0.00
7) Phenol-d5	7.063	99	60806	15.530	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.221	67	40561	16.574	ng/ul	0.00
11) 2-Chlorophenol-d4	7.427	132	44951	16.401	ng/ul	0.00
15) 4-Methylphenol-d8	8.602	113	8411	2.816	ng/ul	0.00
21) Nitrobenzene-d5	9.060	128	25794	17.687	ng/ul	0.00
24) 2-Nitrophenol-d4	9.777	143	28445	17.866	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.318	165	50446	16.528	ng/ul	0.00
31) 4-Chloroaniline-d4	10.846	131	3282m	0.742	ng/ul	0.00
46) Dimethylphthalate-d6	13.937	166	190326	17.153	ng/ul	0.00
49) Acenaphthylene-d8	14.225	160	200438	17.238	ng/ul	0.00
54) 4-Nitrophenol-d4	14.736	143	22833	13.626	ng/ul	0.00
60) Fluorene-d10	15.523	176	170445	18.554	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.647	200	26781	15.996	ng/ul	0.00
73) Anthracene-d10	17.374	188	195798	13.790	ng/ul	0.00
81) Pyrene-d10	19.666	212	217388	13.730	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.436	264	98265	6.321	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.373	88	10999	8.647	ng/uL#	90
5) Pyridine	3.772	79	21608	6.147	ng/ul	93
6) Benzaldehyde	7.033	77	66403	41.994	ng/ul	96
8) Phenol	7.086	94	94945	23.350	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.315	93	72055	23.132	ng/ul	98
12) 2-Chlorophenol	7.462	128	62843	21.905	ng/ul	99
13) 2-Methylphenol	8.344	108	10061	3.175	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.420	45	119264m	23.364	ng/ul	
16) Acetophenone	8.714	105	145581	28.624	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.696	70	77119	27.705	ng/ul	95
18) 4-Methylphenol	8.673	108	34432	9.998	ng/ul	85
19) Hexachloroethane	8.972	117	14631	12.938	ng/ul	88
22) Nitrobenzene	9.101	77	90919	23.378	ng/ul	98
23) Isophorone	9.618	82	184231	21.129	ng/ul	100
25) 2-Nitrophenol	9.812	139	40502	23.816	ng/ul	94
26) 2,4-Dimethylphenol	9.877	107	4394m	1.159	ng/ul	
27) Bis(2-Chloroethoxy)met...	10.100	93	104045	22.531	ng/ul	96
29) 2,4-Dichlorophenol	10.347	162	64639	22.314	ng/ul	92
30) Naphthalene	10.747	128	244435	23.504	ng/ul	100
32) 4-Chloroaniline	10.870	127	5215m	1.153	ng/ul	
33) Hexachlorobutadiene	11.029	225	47191	22.782	ng/ul	96
34) Caprolactam	11.610	113	18479	15.359	ng/ul	85
35) 4-Chloro-3-methylphenol	11.980	107	57850	15.692	ng/ul	96
36) 2-Methylnaphthalene	12.356	142	170885	24.526	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.574	142	173409	24.283	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.727	216	90246	21.666	ng/ul	96
40) Hexachlorocyclopentadiene	12.703	237	40724	18.178	ng/ul	99
41) 2,4,6-Trichlorophenol	12.967	196	52777	18.717	ng/ul	93
42) 2,4,5-Trichlorophenol	13.038	196	69951	23.265	ng/ul	100
43) 1,1'-Biphenyl	13.367	154	236457	24.303	ng/ul	98
44) 2-Chloronaphthalene	13.408	162	186308	24.083	ng/ul	97
45) 2-Nitroaniline	13.614	65	63856	23.764	ng/ul	96
47) Dimethylphthalate	13.984	163	254328	22.820	ng/ul	99
48) 2,6-Dinitrotoluene	14.107	165	53185	24.695	ng/ul	96
50) Acenaphthylene	14.254	152	287798	22.929	ng/ul	100
51) 3-Nitroaniline	14.436	138	14869	8.284	ng/ul#	79
52) Acenaphthene	14.595	153	210691	24.177	ng/ul	100
53) 2,4-Dinitrophenol	14.648	184	24507	21.381	ng/ul	93
55) 4-Nitrophenol	14.748	109	29963	23.218	ng/ul	96
56) Dibenzofuran	14.930	168	305057	24.585	ng/ul	99
57) 2,4-Dinitrotoluene	14.895	165	77408	24.920	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.159	232	56668	20.399	ng/ul#	96
59) Diethylphthalate	15.347	149	266541	23.215	ng/ul	99
61) Fluorene	15.582	166	246192	24.194	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.570	204	131659	24.372	ng/ul	100
63) 4-Nitroaniline	15.600	138	22053m	13.579	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.658	198	41380	24.023	ng/ul	97
67) N-Nitrosodiphenylamine	15.782	169	118376	14.532	ng/ul	100
68) 4-Bromophenyl-phenylether	16.463	248	89236	25.638	ng/ul	97
69) Hexachlorobenzene	16.581	284	55887	14.230	ng/ul	95
70) Atrazine	16.728	200	54623	17.104	ng/ul	97
71) Pentachlorophenol	16.928	266	38383	17.410	ng/ul	97
72) Phenanthrene	17.321	178	404883	25.927	ng/ul	99
74) Anthracene	17.409	178	295467	18.847	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.332	216	85685	20.788	ng/uL	98
76) Pentachlorobenzene	14.854	250	85525	18.974	ng/uL	96
77) Carbazole	17.680	167	248149	18.260	ng/ul	100
78) Di-n-butylphthalate	18.232	149	478488	27.709	ng/ul	98
80) Fluoranthene	19.331	202	477960	26.350	ng/ul	98
82) Pyrene	19.695	202	302876	16.480	ng/ul	99
83) Butylbenzylphthalate	20.576	149	202710	28.010	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.428	252	2118m	0.354	ng/ul	
85) Benzo(a)anthracene	21.510	228	445194	24.708	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.411	149	309370	30.054	ng/ul	99
87) Chrysene	21.575	228	440360	25.765	ng/ul	99
89) Di-n-octyl phthalate	22.580	149	496861	29.031	ng/ul	100
90) Benzo(b)fluoranthene	23.661	252	480759	25.832	ng/ul	100
91) Benzo(k)fluoranthene	23.725	252	457003	24.621	ng/ul	98
93) Benzo(a)pyrene	24.507	252	105531	6.375	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	28.220	276	329904	15.127	ng/ul	98
95) Dibenzo(a,h)anthracene	28.285	278	464698	25.984	ng/ul	99
96) Benzo(g,h,i)perylene	29.319	276	10672m	0.601	ng/ul	

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

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