Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080123\
Data File : BG058553.D
Acq On : 1 Aug 2023 8:23
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 01 09:10:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 22:29:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.813	152	48505	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	199984	20.000	ng		0.00
39) Acenaphthene-d10	14.464	164	138190	20.000	ng		0.00
64) Phenanthrene-d10	17.208	188	335504	20.000	ng		0.00
76) Chrysene-d12	21.450	240	300369	20.000	ng		0.00
86) Perylene-d12	24.523	264	387535	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	257033	80.995	ng		0.00
7) Phenol-d6	6.985	99	365621	82.798	ng		0.00
23) Nitrobenzene-d5	8.977	82	330690	81.233	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	177173	78.221	ng		0.00
45) 2-Fluorobiphenyl	13.084	172	725806	78.710	ng		0.00
79) Terphenyl-d14	19.829	244	1296977	81.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	61808	40.193	ng		98
3) Pyridine	3.665	79	172329	41.104	ng		98
4) n-Nitrosodimethylamine	3.589	42	72777	40.969	ng		96
6) Aniline	7.138	93	227629	41.869	ng		99
8) 2-Chlorophenol	7.379	128	127722	41.025	ng		96
9) Benzaldehyde	6.950	77	94136	39.238	ng		98
10) Phenol	7.014	94	178227	41.318	ng		96
11) bis(2-Chloroethyl)ether	7.238	93	136417	40.115	ng		99
12) 1,3-Dichlorobenzene	7.702	146	133130	40.047	ng		98
13) 1,4-Dichlorobenzene	7.849	146	134720	40.360	ng		97
14) 1,2-Dichlorobenzene	8.166	146	128037	40.120	ng		98
15) Benzyl Alcohol	8.054	79	119592	42.705	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.342	45	221873	40.165	ng		99
17) 2-Methylphenol	8.260	107	128838	40.849	ng		98
18) Hexachloroethane	8.894	117	47681	39.300	ng		96
19) n-Nitroso-di-n-propyla...	8.618	70	117037	41.033	ng		98
20) 3+4-Methylphenols	8.589	107	181993	42.659	ng		98
22) Acetophenone	8.636	105	221941	41.447	ng	#	99
24) Nitrobenzene	9.024	77	167010	40.354	ng		98
25) Isophorone	9.541	82	343858	40.881	ng		98
26) 2-Nitrophenol	9.729	139	72790	40.405	ng		99
27) 2,4-Dimethylphenol	9.793	122	122387	40.956	ng		99
28) bis(2-Chloroethoxy)met...	10.023	93	187315	40.921	ng		98
29) 2,4-Dichlorophenol	10.269	162	126711	40.839	ng		97
30) 1,2,4-Trichlorobenzene	10.481	180	140141	39.166	ng		97
31) Naphthalene	10.669	128	424005	40.227	ng		100
32) Benzoic acid	9.940	122	88958	39.851	ng		99
33) 4-Chloroaniline	10.780	127	188737	42.381	ng		99
34) Hexachlorobutadiene	10.945	225	89042	38.641	ng		98
35) Caprolactam	11.556	113	50706	44.256	ng		99
36) 4-Chloro-3-methylphenol	11.914	107	155298	40.462	ng		99
37) 2-Methylnaphthalene	12.279	142	303795	40.293	ng		99
38) 1-Methylnaphthalene	12.502	142	287532	40.119	ng		99
40) 1,2,4,5-Tetrachloroben...	12.649	216	166360	39.212	ng		100
41) Hexachlorocyclopentadiene	12.625	237	67565	38.180	ng		95
43) 2,4,6-Trichlorophenol	12.896	196	116181	39.814	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.972	196	136692	39.770	ng		99
46) 1,1'-Biphenyl	13.295	154	377093	39.735	ng		99
47) 2-Chloronaphthalene	13.336	162	294680	39.824	ng		99
48) 2-Nitroaniline	13.548	65	116468	41.237	ng		96
49) Acenaphthylene	14.182	152	499528	40.322	ng		99
50) Dimethylphthalate	13.924	163	421884	40.650	ng		98
51) 2,6-Dinitrotoluene	14.041	165	91889	40.352	ng		94
52) Acenaphthene	14.529	154	289020	40.375	ng		97
53) 3-Nitroaniline	14.376	138	97075	42.608	ng		96
54) 2,4-Dinitrophenol	14.588	184	50824	43.372	ng		100
55) Dibenzofuran	14.864	168	488323	39.700	ng		99
56) 4-Nitrophenol	14.688	139	68678	42.315	ng		98
57) 2,4-Dinitrotoluene	14.835	165	133675	42.342	ng	#	98
58) Fluorene	15.510	166	392149	40.132	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.093	232	118293	40.333	ng		98
60) Diethylphthalate	15.281	149	438678	41.490	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	211524	38.828	ng		98
62) 4-Nitroaniline	15.540	138	97800	45.314	ng		96
63) Azobenzene	15.798	77	416713	40.014	ng		99
65) 4,6-Dinitro-2-methylph...	15.598	198	82014	44.334	ng		98
66) n-Nitrosodiphenylamine	15.722	169	349492	40.023	ng		99
67) 4-Bromophenyl-phenylether	16.397	248	147136	38.666	ng		98
68) Hexachlorobenzene	16.515	284	155744	38.624	ng		99
69) Atrazine	16.668	200	118977	40.361	ng		98
70) Pentachlorophenol	16.862	266	108282	44.365	ng		98
71) Phenanthrene	17.249	178	638827	40.150	ng		100
72) Anthracene	17.343	178	655658	40.160	ng		99
73) Carbazole	17.614	167	614896	42.711	ng		100
74) Di-n-butylphthalate	18.166	149	788196	43.709	ng		100
75) Fluoranthene	19.265	202	813934	42.586	ng		100
77) Benzidine	19.453	184	260363	57.162	ng		99
78) Pyrene	19.629	202	839898	41.087	ng		99
80) Butylbenzylphthalate	20.516	149	353027	42.044	ng		99
81) Benzo(a)anthracene	21.433	228	839597	40.617	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	304932	43.630	ng		99
83) Chrysene	21.497	228	810773	40.908	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	522012	42.543	ng		100
85) Di-n-octyl phthalate	22.484	149	917226	42.518	ng		100
87) Indeno(1,2,3-cd)pyrene	28.025	276	1047826	40.643	ng		99
88) Benzo(b)fluoranthene	23.548	252	854911	40.673	ng		100
89) Benzo(k)fluoranthene	23.612	252	882598	41.798	ng		98
90) Benzo(a)pyrene	24.382	252	851499	41.251	ng		99
91) Dibenzo(a,h)anthracene	28.072	278	874733	41.033	ng		99
92) Benzo(g,h,i)perylene	29.112	276	870204	40.709	ng		98

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

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