Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122922\
Data File : BG056159.D
Acq On : 29 Dec 2022 18:15
Operator : CG/JU
Sample : N6228-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Quant Time: Dec 30 04:07:14 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 05:20:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.340	152	47262	20.000	ng		0.00
21) Naphthalene-d8	11.166	136	168253	20.000	ng	#	0.00
39) Acenaphthene-d10	14.944	164	135836	20.000	ng		0.00
64) Phenanthrene-d10	17.682	188	354579	20.000	ng		0.00
76) Chrysene-d12	21.977	240	360232	20.000	ng	#	0.00
86) Perylene-d12	25.438	264	394080	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.861	112	372152	140.594	ng		0.00
7) Phenol-d6	7.471	99	474588	116.749	ng		0.00
23) Nitrobenzene-d5	9.510	82	292801	89.016	ng		0.00
42) 2,4,6-Tribromophenol	16.425	330	241425	140.336	ng		0.00
45) 2-Fluorobiphenyl	13.575	172	883641	89.830	ng		0.00
79) Terphenyl-d14	20.256	244	1927330	95.826	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.687	88	49746	41.145	ng	#	81
3) Pyridine	4.110	79	120260	32.658	ng		96
4) n-Nitrosodimethylamine	4.010	42	31933	42.630	ng		100
6) Aniline	7.653	93	85268	15.995	ng		94
8) 2-Chlorophenol	7.894	128	123380	46.841	ng		96
9) Benzaldehyde	7.459	77	79662	32.958	ng		93
10) Phenol	7.500	94	159750	38.751	ng		95
11) bis(2-Chloroethyl)ether	7.741	93	114530	40.996	ng		95
12) 1,3-Dichlorobenzene	8.229	146	146483	45.693	ng		96
13) 1,4-Dichlorobenzene	8.370	146	145854	45.308	ng		97
14) 1,2-Dichlorobenzene	8.699	146	142328	45.821	ng		100
15) Benzyl Alcohol	8.569	79	125216	42.324	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.851	45	20062	40.637	ng		89
17) 2-Methylphenol	8.763	107	124863	41.277	ng		97
18) Hexachloroethane	9.433	117	44670	45.677	ng		99
19) n-Nitroso-di-n-propyla...	9.139	70	90054	36.431	ng		99
20) 3+4-Methylphenols	9.092	107	165886	39.005	ng		98
22) Acetophenone	9.163	105	209666	44.072	ng	#	99
24) Nitrobenzene	9.551	77	138387	42.454	ng	#	96
25) Isophorone	10.074	82	273795	39.561	ng		98
26) 2-Nitrophenol	10.267	139	74683	44.778	ng		98
27) 2,4-Dimethylphenol	10.309	122	137859	45.319	ng		96
28) bis(2-Chloroethoxy)met...	10.550	93	155558	43.246	ng		98
29) 2,4-Dichlorophenol	10.802	162	161903	48.141	ng		99
30) 1,2,4-Trichlorobenzene	11.025	180	173485	45.457	ng		98
31) Naphthalene	11.219	128	383584	43.319	ng		99
33) 4-Chloroaniline	11.313	127	15045	3.559	ng		97
34) Hexachlorobutadiene	11.495	225	126413	46.054	ng		97
35) Caprolactam	12.077	113	39574	34.756	ng		97
36) 4-Chloro-3-methylphenol	12.406	107	148005	43.370	ng		95
37) 2-Methylnaphthalene	12.800	142	300726	40.221	ng		100
38) 1-Methylnaphthalene	13.017	142	278051	40.047	ng		96
40) 1,2,4,5-Tetrachloroben...	13.158	216	234488	46.058	ng		98
41) Hexachlorocyclopentadiene	13.135	237	288847	99.515	ng		98
43) 2,4,6-Trichlorophenol	13.387	196	161149	47.869	ng		95
44) 2,4,5-Trichlorophenol	13.458	196	175810	44.148	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.787	154	445531	45.798	ng		99
47) 2-Chloronaphthalene	13.834	162	352917	45.961	ng		99
48) 2-Nitroaniline	14.028	65	72837	44.521	ng		98
49) Acenaphthylene	14.674	152	538034	43.058	ng		98
50) Dimethylphthalate	14.386	163	479577	43.735	ng		99
51) 2,6-Dinitrotoluene	14.510	165	101406	43.400	ng		94
52) Acenaphthene	15.009	154	329854	40.588	ng		98
53) 3-Nitroaniline	14.833	138	23478	10.558	ng		98
54) 2,4-Dinitrophenol	15.038	184	25896	15.514	ng	#	86
55) Dibenzofuran	15.338	168	585985	43.572	ng		98
56) 4-Nitrophenol	15.127	139	129824	75.910	ng		94
57) 2,4-Dinitrotoluene	15.291	165	147070	45.007	ng		92
58) Fluorene	15.984	166	470251	43.474	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.555	232	167820	44.882	ng		96
60) Diethylphthalate	15.732	149	435819	42.380	ng		98
61) 4-Chlorophenyl-phenyle...	15.967	204	295429	43.764	ng		98
62) 4-Nitroaniline	15.996	138	96968	42.570	ng		98
63) Azobenzene	16.260	77	334677	42.174	ng		99
65) 4,6-Dinitro-2-methylph...	16.049	198	33166	13.883	ng		91
66) n-Nitrosodiphenylamine	16.178	169	427590	43.463	ng		97
67) 4-Bromophenyl-phenylether	16.860	248	197421	43.724	ng		100
68) Hexachlorobenzene	16.983	284	201354	47.798	ng		99
69) Atrazine	17.112	200	197796	48.512	ng		98
70) Pentachlorophenol	17.324	266	148829	45.992	ng		98
71) Phenanthrene	17.723	178	821564	44.710	ng		98
72) Anthracene	17.812	178	842911	44.468	ng		100
73) Carbazole	18.076	167	744781	46.743	ng		98
74) Di-n-butylphthalate	18.611	149	749546	47.191	ng		99
75) Fluoranthene	19.709	202	1096685	45.754	ng		100
77) Benzidine	19.874	184	132875	10.526	ng		100
78) Pyrene	20.074	202	1117644	44.018	ng		99
80) Butylbenzylphthalate	20.931	149	330134	45.321	ng		98
81) Benzo(a)anthracene	21.954	228	1127127	44.548	ng		99
82) 3,3'-Dichlorobenzidine	21.854	252	144111	15.822	ng		100
83) Chrysene	22.024	228	1054625	44.499	ng		99
84) Bis(2-ethylhexyl)phtha...	21.825	149	474328	45.197	ng		98
85) Di-n-octyl phthalate	23.117	149	808470	45.633	ng		100
87) Indeno(1,2,3-cd)pyrene	29.416	276	1329299	46.382	ng	#	98
88) Benzo(b)fluoranthene	24.327	252	1179463	47.106	ng		98
89) Benzo(k)fluoranthene	24.404	252	1153023	46.244	ng		100
90) Benzo(a)pyrene	25.268	252	1040644	42.612	ng		99
91) Dibenzo(a,h)anthracene	29.480	278	1099004	45.737	ng		99
92) Benzo(g,h,i)perylene	30.667	276	1063292	45.632	ng		98

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

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