Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082022\
Data File : BG054667.D
Acq On : 19 Aug 2022 17:40
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC005

Quant Time: Aug 21 23:17:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 21 23:16:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.159	152	46416	20.000	ng		0.00
21) Naphthalene-d8	10.985	136	180852	20.000	ng		0.00
39) Acenaphthene-d10	14.793	164	114712	20.000	ng		0.00
64) Phenanthrene-d10	17.537	188	260409	20.000	ng		0.00
76) Chrysene-d12	21.832	240	272091	20.000	ng		0.00
86) Perylene-d12	25.204	264	277983	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.692	112	26941	12.119	ng		0.00
7) Phenol-d6	7.296	99	36393	11.947	ng		0.00
23) Nitrobenzene-d5	9.329	82	30944	9.318	ng		0.00
42) 2,4,6-Tribromophenol	16.273	330	10864	4.511	ng		0.00
45) 2-Fluorobiphenyl	13.418	172	82350	10.127	ng		0.00
79) Terphenyl-d14	20.134	244	145262	10.591	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.553	88	7140	8.073	ng		96
3) Pyridine	3.964	79	18274	8.145	ng		98
4) n-Nitrosodimethylamine	3.870	42	7850	6.257	ng	#	92
6) Aniline	7.478	93	22286	6.338	ng		95
8) 2-Chlorophenol	7.719	128	14104	5.521	ng		97
10) Phenol	7.325	94	18794	6.210	ng		98
11) bis(2-Chloroethyl)ether	7.572	93	15903	7.207	ng		97
12) 1,3-Dichlorobenzene	8.048	146	17686	5.682	ng		96
13) 1,4-Dichlorobenzene	8.195	146	18029	5.609	ng		97
14) 1,2-Dichlorobenzene	8.518	146	17182	5.668	ng		95
15) Benzyl Alcohol	8.394	79	12044	4.807	ng	#	90
16) 2,2'-oxybis(1-Chloropr...	8.694	45	24665	8.875	ng		99
17) 2-Methylphenol	8.594	107	12429	5.698	ng		95
18) Hexachloroethane	9.258	117	5867	5.512	ng		97
19) n-Nitroso-di-n-propyla...	8.964	70	11237	5.524	ng	#	88
20) 3+4-Methylphenols	8.911	107	16855	5.484	ng		92
22) Acetophenone	8.988	105	23280	5.352	ng	#	97
24) Nitrobenzene	9.376	77	15495	4.774	ng		99
25) Isophorone	9.893	82	29176	5.051	ng		97
26) 2-Nitrophenol	10.092	139	4420	2.702	ng	#	92
27) 2,4-Dimethylphenol	10.133	122	11831	5.235	ng		95
28) bis(2-Chloroethoxy)met...	10.380	93	17902	6.145	ng		92
29) 2,4-Dichlorophenol	10.621	162	11221	3.289	ng		92
30) 1,2,4-Trichlorobenzene	10.844	180	16378	3.877	ng		96
31) Naphthalene	11.038	128	50708	5.586	ng		97
33) 4-Chloroaniline	11.138	127	18959	5.135	ng		97
34) Hexachlorobutadiene	11.314	225	10548	2.825	ng		94
35) Caprolactam	11.878	113	3306	3.849	ng		92
36) 4-Chloro-3-methylphenol	12.237	107	12220	3.938	ng		98
37) 2-Methylnaphthalene	12.631	142	33660	4.828	ng		99
38) 1-Methylnaphthalene	12.848	142	32917	4.846	ng		94
40) 1,2,4,5-Tetrachloroben...	12.989	216	17443	3.471	ng		98
41) Hexachlorocyclopentadiene	12.971	237	8669	7.352	ng		91
43) 2,4,6-Trichlorophenol	13.224	196	9112	3.330	ng		98
44) 2,4,5-Trichlorophenol	13.294	196	10735	3.472	ng		98
46) 1,1'-Biphenyl	13.629	154	43833	5.585	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.671	162	33716	5.134	ng		98
48) 2-Nitroaniline	13.870	65	7072	4.126	ng		97
49) Acenaphthylene	14.517	152	53867	5.520	ng		98
50) Dimethylphthalate	14.235	163	41793	4.664	ng		99
51) 2,6-Dinitrotoluene	14.358	165	6050	3.078	ng		93
52) Acenaphthene	14.851	154	34006	5.754	ng		98
53) 3-Nitroaniline	14.687	138	7389	4.495	ng	#	89
55) Dibenzofuran	15.186	168	52723	5.014	ng		98
56) 4-Nitrophenol	14.969	139	5803	5.292	ng		96
57) 2,4-Dinitrotoluene	15.139	165	8012	2.844	ng	#	96
58) Fluorene	15.833	166	44245	5.118	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.404	232	9109	3.026	ng	#	98
60) Diethylphthalate	15.592	149	41152	4.788	ng		96
61) 4-Chlorophenyl-phenyle...	15.827	204	21277	3.749	ng		93
62) 4-Nitroaniline	15.844	138	8765	5.076	ng		99
63) Azobenzene	16.115	77	41164	6.628	ng		97
66) n-Nitrosodiphenylamine	16.038	169	36294	5.582	ng		97
67) 4-Bromophenyl-phenylether	16.720	248	13665	3.736	ng		99
68) Hexachlorobenzene	16.831	284	16126	3.856	ng		95
69) Atrazine	16.978	200	11984	4.142	ng		97
70) Pentachlorophenol	17.172	266	6697	4.092	ng		95
71) Phenanthrene	17.578	178	73530	5.670	ng		100
72) Anthracene	17.666	178	70291	5.523	ng		96
73) Carbazole	17.936	167	63801	6.090	ng		97
74) Di-n-butylphthalate	18.488	149	68091	5.507	ng		100
75) Fluoranthene	19.581	202	90072	5.095	ng		97
77) Benzidine	19.757	184	38554	7.824	ng		100
78) Pyrene	19.945	202	95812	6.137	ng		96
80) Butylbenzylphthalate	20.827	149	26211	5.387	ng		98
81) Benzo(a)anthracene	21.808	228	92942	5.381	ng		99
82) 3,3'-Dichlorobenzidine	21.720	252	24227	4.510	ng		99
83) Chrysene	21.879	228	90263	5.531	ng		98
84) Bis(2-ethylhexyl)phtha...	21.708	149	40295	5.853	ng	#	92
85) Di-n-octyl phthalate	22.983	149	62869	5.353	ng		98
87) Indeno(1,2,3-cd)pyrene	29.064	276	102256	4.835	ng	#	67
88) Benzo(b)fluoranthene	24.129	252	85568	5.205	ng		97
89) Benzo(k)fluoranthene	24.193	252	89641	5.479	ng		98
90) Benzo(a)pyrene	25.045	252	71770	5.112	ng		99
91) Dibenzo(a,h)anthracene	29.152	278	86926	4.999	ng		99
92) Benzo(g,h,i)perylene	30.286	276	84524	4.925	ng		97

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

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