Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049075.D
Acq On : 24 Jun 2021 10:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/25/2021 1:09:17 PM

Quant Time: Jun 24 11:02:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.105	152	31238	20.000	ng		0.00
21) Naphthalene-d8	10.926	136	121494	20.000	ng	#	0.00
39) Acenaphthene-d10	14.751	164	87414	20.000	ng		0.00
64) Phenanthrene-d10	17.500	188	193305	20.000	ng	#	0.00
76) Chrysene-d12	21.789	240	191560	20.000	ng		0.00
86) Perylene-d12	25.103	264	203892	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.655	112	158077	78.774	ng		0.00
7) Phenol-d6	7.259	99	226977	75.466	ng		0.00
23) Nitrobenzene-d5	9.275	82	228671	81.158	ng		0.00
42) 2,4,6-Tribromophenol	16.237	330	115255	88.994	ng		0.00
45) 2-Fluorobiphenyl	13.370	172	502369	81.186	ng		0.00
79) Terphenyl-d14	20.103	244	902580	86.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	34732	35.453	ng	#	77
3) Pyridine	3.940	79	96114	36.166	ng		92
4) n-Nitrosodimethylamine	3.852	42	53767	42.248	ng	#	83
6) Aniline	7.424	93	132007	34.852	ng		91
8) 2-Chlorophenol	7.671	128	81930	37.042	ng		93
9) Benzaldehyde	7.236	77	64020	41.136	ng		87
10) Phenol	7.283	94	114473	36.841	ng		88
11) bis(2-Chloroethyl)ether	7.518	93	79745	34.590	ng		87
12) 1,3-Dichlorobenzene	7.994	146	91218	36.918	ng		98
13) 1,4-Dichlorobenzene	8.141	146	92236	37.443	ng		97
14) 1,2-Dichlorobenzene	8.464	146	88924	37.525	ng		96
15) Benzyl Alcohol	8.340	79	99810	36.235	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.634	45	140486	32.206	ng		82
17) 2-Methylphenol	8.546	107	74069	36.350	ng		96
18) Hexachloroethane	9.198	117	37691	38.140	ng		98
19) n-Nitroso-di-n-propyla...	8.910	70	79551	33.838	ng		95
20) 3+4-Methylphenols	8.875	107	103441	37.129	ng		95
22) Acetophenone	8.928	105	145051	39.242	ng	#	96
24) Nitrobenzene	9.316	77	124216	39.137	ng		92
25) Isophorone	9.845	82	215844	35.163	ng		98
26) 2-Nitrophenol	10.033	139	49056	45.566	ng		94
27) 2,4-Dimethylphenol	10.086	122	72655	37.222	ng		86
28) bis(2-Chloroethoxy)met...	10.321	93	101864	35.838	ng		94
29) 2,4-Dichlorophenol	10.573	162	84903	38.771	ng		90
30) 1,2,4-Trichlorobenzene	10.791	180	101060	40.252	ng		94
31) Naphthalene	10.979	128	271645	37.530	ng		98
32) Benzoic acid	10.232	122	54513	42.757	ng	#	64
33) 4-Chloroaniline	11.084	127	113802	37.030	ng		97
34) Hexachlorobutadiene	11.266	225	73097	40.849	ng		95
35) Caprolactam	11.866	113	28210	44.564	ng	#	37
36) 4-Chloro-3-methylphenol	12.201	107	100588	37.579	ng	#	88
37) 2-Methylnaphthalene	12.583	142	208310	38.103	ng		99
38) 1-Methylnaphthalene	12.800	142	196522	38.289	ng		96
40) 1,2,4,5-Tetrachloroben...	12.947	216	116458	41.956	ng		96
41) Hexachlorocyclopentadiene	12.929	237	72865	40.835	ng		92
43) 2,4,6-Trichlorophenol	13.182	196	80807	43.510	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.258	196	88003	45.825	ng		92
46) 1,1'-Biphenyl	13.581	154	256681	39.829	ng		99
47) 2-Chloronaphthalene	13.628	162	203579	39.557	ng		98
48) 2-Nitroaniline	13.828	65	78682	42.907	ng		97
49) Acenaphthylene	14.474	152	325127	37.912	ng		95
50) Dimethylphthalate	14.198	163	264192	38.800	ng		99
51) 2,6-Dinitrotoluene	14.316	165	60830	43.868	ng		92
52) Acenaphthene	14.815	154	219189	39.654	ng		94
53) 3-Nitroaniline	14.645	138	60286	42.942	ng		87
54) 2,4-Dinitrophenol	14.851	184	33058	51.466	ng		94
55) Dibenzofuran	15.144	168	323102	37.604	ng		98
56) 4-Nitrophenol	14.956	139	48477	42.355	ng		86
57) 2,4-Dinitrotoluene	15.103	165	85841	50.398	ng		94
58) Fluorene	15.796	166	267326	38.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.373	232	81106	41.723	ng	#	99
60) Diethylphthalate	15.561	149	279584	37.911	ng		96
61) 4-Chlorophenyl-phenyle...	15.785	204	145785	39.682	ng		99
62) 4-Nitroaniline	15.808	138	60591	42.676	ng	#	82
63) Azobenzene	16.078	77	286267	33.925	ng		90
65) 4,6-Dinitro-2-methylph...	15.867	198	53681	58.561	ng		94
66) n-Nitrosodiphenylamine	15.996	169	234527	38.931	ng		96
67) 4-Bromophenyl-phenylether	16.684	248	102740	42.566	ng		94
68) Hexachlorobenzene	16.801	284	109666	41.921	ng		98
69) Atrazine	16.948	200	88036	45.529	ng		96
70) Pentachlorophenol	17.148	266	69260	44.054	ng		95
71) Phenanthrene	17.541	178	432573	39.770	ng		99
72) Anthracene	17.630	178	427093	39.077	ng		99
73) Carbazole	17.900	167	410241	39.158	ng		98
74) Di-n-butylphthalate	18.452	149	479483	40.805	ng		98
75) Fluoranthene	19.545	202	550699	41.986	ng		98
77) Benzidine	19.721	184	223525	57.924	ng		99
78) Pyrene	19.909	202	546064	39.274	ng		97
80) Butylbenzylphthalate	20.791	149	209445	39.926	ng		98
81) Benzo(a)anthracene	21.766	228	549947	39.985	ng		99
82) 3,3'-Dichlorobenzidine	21.678	252	183110	41.632	ng		99
83) Chrysene	21.836	228	526930	39.957	ng		98
84) Bis(2-ethylhexyl)phtha...	21.666	149	298228	39.883	ng		95
85) Di-n-octyl phthalate	22.918	149	514276	40.552	ng		97
87) Indeno(1,2,3-cd)pyrene	28.916	276	639186	41.655	ng		97
88) Benzo(b)fluoranthene	24.051	252	572312	39.375	ng	#	98
89) Benzo(k)fluoranthene	24.128	252	546624m	39.638	ng		
90) Benzo(a)pyrene	24.950	252	534234	40.266	ng	#	99
91) Dibenzo(a,h)anthracene	28.987	278	534084	41.646	ng	#	96
92) Benzo(g,h,i)perylene	30.109	276	530935	41.057	ng		99

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

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