Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121622\
Data File : BG055992.D
Acq On : 16 Dec 2022 13:28
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 17 01:20:09 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 01:18:54 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2022
Supervised By :mohammad ahmed 12/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.376	152	7438	20.000	ng		0.00
21) Naphthalene-d8	11.208	136	29370	20.000	ng	#	0.00
39) Acenaphthene-d10	14.980	164	27816	20.000	ng		0.00
64) Phenanthrene-d10	17.718	188	79767	20.000	ng	#	0.00
76) Chrysene-d12	22.031	240	75722	20.000	ng		0.00
86) Perylene-d12	25.533	264	93184	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.885	112	26183	82.554	ng		0.00
7) Phenol-d6	7.501	99	35488	86.999	ng		0.00
23) Nitrobenzene-d5	9.546	82	34789	82.776	ng		0.00
42) 2,4,6-Tribromophenol	16.461	330	57298	85.427	ng		0.00
45) 2-Fluorobiphenyl	13.611	172	160326	80.836	ng		0.00
79) Terphenyl-d14	20.292	244	374964	87.519	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.717	88	3858	41.799	ng		90
3) Pyridine	4.134	79	12568	41.376	ng		99
4) n-Nitrosodimethylamine	4.040	42	10629	38.926	ng	#	91
6) Aniline	7.683	93	21262	43.535	ng		94
8) 2-Chlorophenol	7.930	128	16972	41.478	ng		90
9) Benzaldehyde	7.495	77	9946	38.824	ng		98
10) Phenol	7.530	94	19296	43.222	ng		96
11) bis(2-Chloroethyl)ether	7.777	93	11903	40.932	ng		88
12) 1,3-Dichlorobenzene	8.265	146	21062	39.791	ng		94
13) 1,4-Dichlorobenzene	8.412	146	21268	39.317	ng		98
14) 1,2-Dichlorobenzene	8.735	146	21070	40.757	ng		95
15) Benzyl Alcohol	8.605	79	17222	40.632	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.893	45	17109	45.205	ng		96
17) 2-Methylphenol	8.799	107	15068	42.897	ng	#	88
18) Hexachloroethane	9.475	117	6606	40.231	ng	#	81
19) n-Nitroso-di-n-propyla...	9.175	70	12667	43.322	ng	#	91
20) 3+4-Methylphenols	9.128	107	21570	43.032	ng		94
22) Acetophenone	9.199	105	29459	40.462	ng	#	97
24) Nitrobenzene	9.593	77	18082	42.744	ng		96
25) Isophorone	10.115	82	35680	40.486	ng		98
26) 2-Nitrophenol	10.309	139	10251	40.934	ng		93
27) 2,4-Dimethylphenol	10.345	122	17061m	40.565	ng		
28) bis(2-Chloroethoxy)met...	10.591	93	16550	42.491	ng	#	96
29) 2,4-Dichlorophenol	10.838	162	24112	40.392	ng		98
30) 1,2,4-Trichlorobenzene	11.061	180	31175	40.174	ng		94
31) Naphthalene	11.261	128	63375	40.895	ng		99
32) Benzoic acid	10.456	122	13926	39.702	ng		91
33) 4-Chloroaniline	11.355	127	27421	41.275	ng		98
34) Hexachlorobutadiene	11.537	225	27696	37.964	ng		96
35) Caprolactam	12.119	113	6534	39.286	ng	#	76
36) 4-Chloro-3-methylphenol	12.442	107	23136	41.332	ng		95
37) 2-Methylnaphthalene	12.836	142	54864	40.072	ng		96
38) 1-Methylnaphthalene	13.053	142	53187	39.876	ng		96
40) 1,2,4,5-Tetrachloroben...	13.194	216	47211	40.227	ng		99
41) Hexachlorocyclopentadiene	13.177	237	27501	41.305	ng		97
43) 2,4,6-Trichlorophenol	13.423	196	29244	42.095	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.494	196	33746	43.091	ng		98
46) 1,1'-Biphenyl	13.823	154	78899	41.847	ng		99
47) 2-Chloronaphthalene	13.870	162	63348	41.350	ng		97
48) 2-Nitroaniline	14.058	65	12839	42.834	ng		95
49) Acenaphthylene	14.710	152	100447	41.077	ng		98
50) Dimethylphthalate	14.422	163	96544	40.145	ng		98
51) 2,6-Dinitrotoluene	14.546	165	16960	45.573	ng		95
52) Acenaphthene	15.045	154	67537	41.140	ng		95
53) 3-Nitroaniline	14.875	138	16540	43.695	ng		86
54) 2,4-Dinitrophenol	15.074	184	11086	40.071	ng	#	87
55) Dibenzofuran	15.380	168	112611	40.792	ng		98
56) 4-Nitrophenol	15.151	139	13562	44.709	ng		90
57) 2,4-Dinitrotoluene	15.321	165	24743	44.046	ng	#	90
58) Fluorene	16.020	166	92101	40.813	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.591	232	38276	42.782	ng		99
60) Diethylphthalate	15.774	149	93917	39.956	ng		98
61) 4-Chlorophenyl-phenyle...	16.009	204	61818	40.211	ng		97
62) 4-Nitroaniline	16.032	138	18170	44.077	ng		99
63) Azobenzene	16.296	77	58265	40.726	ng		98
65) 4,6-Dinitro-2-methylph...	16.085	198	15589	40.911	ng		96
66) n-Nitrosodiphenylamine	16.220	169	84695	40.518	ng		98
67) 4-Bromophenyl-phenylether	16.902	248	46582	39.853	ng		95
68) Hexachlorobenzene	17.025	284	57165	39.706	ng		97
69) Atrazine	17.148	200	38495	40.672	ng		99
70) Pentachlorophenol	17.360	266	35269	42.851	ng		94
71) Phenanthrene	17.759	178	168886	40.401	ng		100
72) Anthracene	17.853	178	164005	39.657	ng		99
73) Carbazole	18.112	167	133681	39.193	ng		98
74) Di-n-butylphthalate	18.652	149	150487	37.938	ng		99
75) Fluoranthene	19.751	202	208249	35.577	ng		99
77) Benzidine	19.916	184	55630	41.833	ng		98
78) Pyrene	20.110	202	208006	45.396	ng		99
80) Butylbenzylphthalate	20.979	149	57688	44.431	ng		98
81) Benzo(a)anthracene	22.007	228	222906	41.834	ng		98
82) 3,3'-Dichlorobenzidine	21.907	252	81161	42.336	ng		93
83) Chrysene	22.084	228	212075	42.467	ng		99
84) Bis(2-ethylhexyl)phtha...	21.884	149	79566	41.248	ng		97
85) Di-n-octyl phthalate	23.194	149	134078	40.976	ng		100
87) Indeno(1,2,3-cd)pyrene	29.569	276	290507	38.769	ng	#	99
88) Benzo(b)fluoranthene	24.416	252	233332	38.690	ng		100
89) Benzo(k)fluoranthene	24.487	252	233478	38.803	ng		97
90) Benzo(a)pyrene	25.374	252	197018	38.649	ng		96
91) Dibenzo(a,h)anthracene	29.651	278	245753	39.184	ng		97
92) Benzo(g,h,i)perylene	30.838	276	234929	38.742	ng		97

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

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