Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120722\
Data File : BG055919.D
Acq On : 7 Dec 2022 18:23
Operator : CG/JU
Sample : N5897-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPOSITEMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Quant Time: Dec 08 05:07:40 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 07 05:04:10 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.159	152	28117	20.000	ng		0.00
21) Naphthalene-d8	10.991	136	121837	20.000	ng		0.00
39) Acenaphthene-d10	14.792	164	85814	20.000	ng		0.00
64) Phenanthrene-d10	17.536	188	212952	20.000	ng		0.00
76) Chrysene-d12	21.819	240	194344	20.000	ng		0.00
86) Perylene-d12	25.168	264	224805	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.691	112	214342	137.791	ng		0.00
7) Phenol-d6	7.319	99	281309	135.852	ng		0.00
23) Nitrobenzene-d5	9.334	82	178163	77.290	ng		0.00
42) 2,4,6-Tribromophenol	16.285	330	148107	122.567	ng		0.00
45) 2-Fluorobiphenyl	13.418	172	423722	73.973	ng		0.00
79) Terphenyl-d14	20.121	244	764582	78.688	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.488	88	27320	41.097	ng		93
3) Pyridine	3.905	79	75698	37.118	ng		93
4) n-Nitrosodimethylamine	3.817	42	53009	49.095	ng		99
6) Aniline	7.477	93	98153	37.738	ng		98
8) 2-Chlorophenol	7.724	128	94138	52.938	ng		96
9) Benzaldehyde	7.284	77	45988m	32.702	ng		
10) Phenol	7.348	94	121652	52.469	ng		99
11) bis(2-Chloroethyl)ether	7.566	93	84931	47.799	ng		98
12) 1,3-Dichlorobenzene	8.047	146	99050	47.375	ng		99
13) 1,4-Dichlorobenzene	8.194	146	101614	48.097	ng		99
14) 1,2-Dichlorobenzene	8.517	146	98080	48.446	ng		97
15) Benzyl Alcohol	8.400	79	87895m	52.229	ng		
16) 2,2'-oxybis(1-Chloropr...	8.682	45	160855	50.008	ng		98
17) 2-Methylphenol	8.611	107	86340	52.452	ng		98
18) Hexachloroethane	9.252	117	35301	48.546	ng		98
19) n-Nitroso-di-n-propyla...	8.964	70	75765	47.621	ng		99
20) 3+4-Methylphenols	8.940	107	115005	50.014	ng		99
22) Acetophenone	8.987	105	144832	45.747	ng	#	97
24) Nitrobenzene	9.381	77	110927	46.071	ng		100
25) Isophorone	9.898	82	205344	47.015	ng		99
26) 2-Nitrophenol	10.092	139	55006	49.488	ng		95
27) 2,4-Dimethylphenol	10.151	122	95519m	56.465	ng		
28) bis(2-Chloroethoxy)met...	10.374	93	116498	49.685	ng		99
29) 2,4-Dichlorophenol	10.638	162	98843	48.817	ng		99
30) 1,2,4-Trichlorobenzene	10.850	180	104632	44.480	ng		97
31) Naphthalene	11.038	128	296219	44.975	ng		100
32) Benzoic acid	10.321	122	35731	25.673	ng		98
33) 4-Chloroaniline	11.150	127	88594	32.608	ng		98
34) Hexachlorobutadiene	11.314	225	69606	43.334	ng		97
35) Caprolactam	11.925	113	32624m	46.560	ng		
36) 4-Chloro-3-methylphenol	12.266	107	108816	48.897	ng		97
37) 2-Methylnaphthalene	12.636	142	223861	45.394	ng		100
38) 1-Methylnaphthalene	12.854	142	209431	43.746	ng		100
40) 1,2,4,5-Tetrachloroben...	13.000	216	129946	48.186	ng		99
41) Hexachlorocyclopentadiene	12.971	237	65325	48.062	ng		99
43) 2,4,6-Trichlorophenol	13.241	196	83176	45.215	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.324	196	90735	44.884	ng		98
46) 1,1'-Biphenyl	13.629	154	301007	48.135	ng		99
47) 2-Chloronaphthalene	13.682	162	228199	46.949	ng		99
48) 2-Nitroaniline	13.882	65	80325	50.265	ng		97
49) Acenaphthylene	14.522	152	379926	47.467	ng		100
50) Dimethylphthalate	14.240	163	306801	44.849	ng		99
51) 2,6-Dinitrotoluene	14.369	165	67589	48.322	ng		98
52) Acenaphthene	14.857	154	265009m	50.660	ng		
53) 3-Nitroaniline	14.698	138	55886	36.397	ng		98
54) 2,4-Dinitrophenol	14.922	184	63755	79.277	ng		97
55) Dibenzofuran	15.192	168	379195	46.989	ng		98
56) 4-Nitrophenol	15.022	139	100317	83.243	ng		93
57) 2,4-Dinitrotoluene	15.163	165	99579	50.495	ng		98
58) Fluorene	15.838	166	306890	47.614	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.421	232	81202	41.455	ng	#	99
60) Diethylphthalate	15.591	149	312436	45.175	ng		100
61) 4-Chlorophenyl-phenyle...	15.821	204	165843	46.809	ng		97
62) 4-Nitroaniline	15.862	138	71222	44.373	ng		98
63) Azobenzene	16.114	77	324287	53.707	ng		97
65) 4,6-Dinitro-2-methylph...	15.926	198	52733	44.347	ng		97
66) n-Nitrosodiphenylamine	16.038	169	274975	46.854	ng		99
67) 4-Bromophenyl-phenylether	16.714	248	111463	45.939	ng		97
68) Hexachlorobenzene	16.843	284	123331	45.841	ng		99
69) Atrazine	16.978	200	115635	49.820	ng		99
70) Pentachlorophenol	17.195	266	105706m	64.227	ng		
71) Phenanthrene	17.583	178	563077	48.998	ng		100
72) Anthracene	17.671	178	536330	48.034	ng		100
73) Carbazole	17.942	167	473668	47.188	ng		100
74) Di-n-butylphthalate	18.470	149	563340	45.197	ng		99
75) Fluoranthene	19.581	202	687348	49.164	ng		99
77) Benzidine	19.751	184	321852	71.586	ng		98
78) Pyrene	19.939	202	690804	52.514	ng		100
80) Butylbenzylphthalate	20.803	149	249675	48.482	ng		98
81) Benzo(a)anthracene	21.802	228	670802	50.114	ng		100
82) 3,3'-Dichlorobenzidine	21.702	252	141430	30.069	ng		98
83) Chrysene	21.866	228	626522	49.166	ng		100
84) Bis(2-ethylhexyl)phtha...	21.667	149	364122	49.199	ng		99
85) Di-n-octyl phthalate	22.906	149	611666	48.294	ng		98
87) Indeno(1,2,3-cd)pyrene	29.029	276	772137	41.926	ng	#	89
88) Benzo(b)fluoranthene	24.099	252	710099	48.502	ng		100
89) Benzo(k)fluoranthene	24.170	252	655088	44.888	ng		99
90) Benzo(a)pyrene	25.010	252	625497	49.787	ng		99
91) Dibenzo(a,h)anthracene	29.082	278	636745	42.310	ng		99
92) Benzo(g,h,i)perylene	30.245	276	652311	43.005	ng		98

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

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