Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
Data File : BG055439.D
Acq On : 3 Nov 2022 15:55
Operator : CG/JU
Sample : N5273-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LIDEN-GAS-PIPELINEMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/04/2022
Supervised By :Sohil Jodhani 11/04/2022

Quant Time: Nov 03 17:23:53 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 02 05:05:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.238	152	27684	20.000	ng	0.00
21) Naphthalene-d8	11.064	136	119685	20.000	ng	0.00
39) Acenaphthene-d10	14.854	164	88383	20.000	ng	0.00
64) Phenanthrene-d10	17.592	188	209015	20.000	ng	0.00
76) Chrysene-d12	21.863	240	203086	20.000	ng	0.00
86) Perylene-d12	25.236	264	224431	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.765	112	186089	120.715	ng	0.00
7) Phenol-d6	7.386	99	246582	115.346	ng	0.00
23) Nitrobenzene-d5	9.413	82	146075	65.046	ng	0.00
42) 2,4,6-Tribromophenol	16.335	330	138713	115.061	ng	0.00
45) 2-Fluorobiphenyl	13.479	172	357923	60.043	ng	0.00
79) Terphenyl-d14	20.165	244	634516	60.755	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.561	88	25580	36.585	ng	97
3) Pyridine	3.978	79	67291	32.428	ng	98
4) n-Nitrosodimethylamine	3.890	42	34086	41.581	ng	98
6) Aniline	7.551	93	114851	41.423	ng	100
8) 2-Chlorophenol	7.798	128	87101	46.503	ng	99
9) Benzaldehyde	7.363	77	59422	47.280	ng	98
10) Phenol	7.416	94	113561	46.933	ng	97
11) bis(2-Chloroethyl)ether	7.639	93	75836	41.892	ng	99
12) 1,3-Dichlorobenzene	8.121	146	93064	43.836	ng	99
13) 1,4-Dichlorobenzene	8.273	146	94380	43.649	ng	99
14) 1,2-Dichlorobenzene	8.597	146	92286	44.590	ng	98
15) Benzyl Alcohol	8.473	79	75762	44.436	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.755	45	98157	40.755	ng	98
17) 2-Methylphenol	8.679	107	76872	44.155	ng	99
18) Hexachloroethane	9.331	117	32319	43.815	ng	90
19) n-Nitroso-di-n-propyla...	9.043	70	66069	39.552	ng	95
20) 3+4-Methylphenols	9.008	107	108161	43.725	ng	98
22) Acetophenone	9.067	105	132407	42.207	ng	98
24) Nitrobenzene	9.454	77	96532	41.229	ng	97
25) Isophorone	9.977	82	186462	41.925	ng	98
26) 2-Nitrophenol	10.171	139	53209	44.135	ng	98
27) 2,4-Dimethylphenol	10.218	122	87359	51.678	ng	97
28) bis(2-Chloroethoxy)met...	10.453	93	108542	45.819	ng	99
29) 2,4-Dichlorophenol	10.712	162	94591	45.872	ng	99
30) 1,2,4-Trichlorobenzene	10.923	180	94865	42.484	ng	99
31) Naphthalene	11.117	128	278220	41.288	ng	100
32) Benzoic acid	10.389	122	45002m	44.670	ng	
33) 4-Chloroaniline	11.223	127	93428	33.368	ng	98
34) Hexachlorobutadiene	11.387	225	57763	41.617	ng	97
35) Caprolactam	11.999	113	32553m	42.638	ng	
36) 4-Chloro-3-methylphenol	12.328	107	102023	45.186	ng	100
37) 2-Methylnaphthalene	12.704	142	206118	41.642	ng	99
38) 1-Methylnaphthalene	12.921	142	194976	40.387	ng	100
40) 1,2,4,5-Tetrachloroben...	13.068	216	111560	42.730	ng	99
41) Hexachlorocyclopentadiene	13.038	237	118556	93.922	ng	95
43) 2,4,6-Trichlorophenol	13.303	196	78865	43.377	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.379	196	88335	43.619	ng	97
46) 1,1'-Biphenyl	13.691	154	283575	43.603	ng	100
47) 2-Chloronaphthalene	13.744	162	221724	42.429	ng	100
48) 2-Nitroaniline	13.943	65	66929	41.698	ng	96
49) Acenaphthylene	14.584	152	358390	41.767	ng	100
50) Dimethylphthalate	14.302	163	302906	41.058	ng	100
51) 2,6-Dinitrotoluene	14.425	165	66021	42.746	ng	95
52) Acenaphthene	14.919	154	210432	41.205	ng	98
53) 3-Nitroaniline	14.760	138	60423	34.808	ng	99
54) 2,4-Dinitrophenol	14.971	184	80498	85.830	ng	99
55) Dibenzofuran	15.248	168	357572	42.301	ng	99
56) 4-Nitrophenol	15.071	139	112582	94.588	ng	95
57) 2,4-Dinitrotoluene	15.212	165	97638	44.212	ng	96
58) Fluorene	15.894	166	287267	41.833	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.477	232	79202	43.495	ng	97
60) Diethylphthalate	15.647	149	313014	40.827	ng	100
61) 4-Chlorophenyl-phenyle...	15.876	204	154309	43.465	ng	98
62) 4-Nitroaniline	15.917	138	75419	41.066	ng	96
63) Azobenzene	16.170	77	261512	41.034	ng	98
65) 4,6-Dinitro-2-methylph...	15.976	198	58127	43.174	ng	98
66) n-Nitrosodiphenylamine	16.094	169	263948	42.475	ng	99
67) 4-Bromophenyl-phenylether	16.769	248	106554	43.126	ng	97
68) Hexachlorobenzene	16.899	284	119465	42.399	ng	96
69) Atrazine	17.028	200	107117	51.344	ng	99
70) Pentachlorophenol	17.245	266	116833	80.003	ng	99
71) Phenanthrene	17.633	178	490805	41.746	ng	99
72) Anthracene	17.727	178	497612	43.181	ng	99
73) Carbazole	17.991	167	468866	43.731	ng	99
74) Di-n-butylphthalate	18.514	149	563020	42.046	ng	100
75) Fluoranthene	19.625	202	597399	42.244	ng	99
77) Benzidine	19.795	184	428747	101.404	ng	99
78) Pyrene	19.983	202	605154	42.239	ng	100
80) Butylbenzylphthalate	20.835	149	249900	41.837	ng	99
81) Benzo(a)anthracene	21.846	228	585141	41.973	ng	99
82) 3,3'-Dichlorobenzidine	21.746	252	184380	38.568	ng	97
83) Chrysene	21.916	228	547608	41.173	ng	100
84) Bis(2-ethylhexyl)phtha...	21.705	149	370636	42.687	ng	99
85) Di-n-octyl phthalate	22.956	149	628636	42.256	ng	100
87) Indeno(1,2,3-cd)pyrene	29.131	276	757242	42.024	ng	99
88) Benzo(b)fluoranthene	24.161	252	634714	44.523	ng	99
89) Benzo(k)fluoranthene	24.237	252	615761	42.982	ng	99
90) Benzo(a)pyrene	25.083	252	564490	45.795	ng	99
91) Dibenzo(a,h)anthracene	29.190	278	643498	43.285	ng	99
92) Benzo(g,h,i)perylene	30.353	276	630292	42.629	ng	98

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

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