Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082622\
Data File : BG054762.D
Acq On : 26 Aug 2022 19:32
Operator : CG/JU
Sample : N4226-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-1MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/29/2022
Supervised By :Jagrut Upadhyay 08/29/2022

Quant Time: Aug 27 02:17:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	50059	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	212780	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	139003	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	313138	20.000	ng	0.00
76) Chrysene-d12	21.822	240	291220	20.000	ng	0.00
86) Perylene-d12	25.188	264	312773	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	284736	99.049	ng	0.00
7) Phenol-d6	7.298	99	396727	100.912	ng	0.00
23) Nitrobenzene-d5	9.325	82	241882	59.676	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	148865	85.706	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	567607	61.374	ng	0.00
79) Terphenyl-d14	20.130	244	954972	64.974	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	53749	39.156	ng	98
3) Pyridine	3.937	79	144426	37.721	ng	98
4) n-Nitrosodimethylamine	3.855	42	76134	46.000	ng	99
6) Aniline	7.468	93	157579	33.735	ng	96
8) 2-Chlorophenol	7.709	128	170831	54.391	ng	99
9) Benzaldehyde	7.280	77	87162	33.827	ng	99
10) Phenol	7.321	94	214089	52.952	ng	98
11) bis(2-Chloroethyl)ether	7.562	93	160010	49.209	ng	100
12) 1,3-Dichlorobenzene	8.038	146	175731	48.349	ng	99
13) 1,4-Dichlorobenzene	8.185	146	178747	48.756	ng	100
14) 1,2-Dichlorobenzene	8.508	146	173099	49.794	ng	98
15) Benzyl Alcohol	8.385	79	144967m	51.041	ng	
16) 2,2'-oxybis(1-Chloropr...	8.678	45	250996	49.331	ng	99
17) 2-Methylphenol	8.584	107	146182	52.515	ng	96
18) Hexachloroethane	9.242	117	64502	48.519	ng	97
19) n-Nitroso-di-n-propyla...	8.960	70	130128	48.133	ng	98
20) 3+4-Methylphenols	8.913	107	201655	52.242	ng	95
22) Acetophenone	8.978	105	246240	46.257	ng	99
24) Nitrobenzene	9.366	77	184299	45.112	ng	100
25) Isophorone	9.889	82	360324	47.677	ng	99
26) 2-Nitrophenol	10.083	139	92092	51.031	ng	96
27) 2,4-Dimethylphenol	10.130	122	156475	54.725	ng	97
28) bis(2-Chloroethoxy)met...	10.371	93	221220	51.369	ng	99
29) 2,4-Dichlorophenol	10.617	162	163663	50.324	ng	98
30) 1,2,4-Trichlorobenzene	10.835	180	167145	44.973	ng	98
31) Naphthalene	11.029	128	511947	44.844	ng	100
32) Benzoic acid	10.271	122	95833	47.117	ng	97
33) 4-Chloroaniline	11.134	127	87014	18.696	ng	98
34) Hexachlorobutadiene	11.305	225	108785	45.685	ng	98
35) Caprolactam	11.904	113	56909m	49.600	ng	
36) 4-Chloro-3-methylphenol	12.239	107	179011	50.335	ng	97
37) 2-Methylnaphthalene	12.621	142	363386	45.415	ng	99
38) 1-Methylnaphthalene	12.838	142	346681	44.533	ng	99
40) 1,2,4,5-Tetrachloroben...	12.985	216	196420	46.876	ng	99
41) Hexachlorocyclopentadiene	12.962	237	230087	103.541	ng	98
43) 2,4,6-Trichlorophenol	13.220	196	136614	49.120	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	151061	48.364	ng	98
46) 1,1'-Biphenyl	13.620	154	492321	47.694	ng	100
47) 2-Chloronaphthalene	13.667	162	362978	46.302	ng	99
48) 2-Nitroaniline	13.866	65	118109	48.073	ng	97
49) Acenaphthylene	14.513	152	601032	46.460	ng	99
50) Dimethylphthalate	14.231	163	484614	45.253	ng	99
51) 2,6-Dinitrotoluene	14.354	165	106607	48.670	ng	91
52) Acenaphthene	14.848	154	427185m	51.407	ng	
53) 3-Nitroaniline	14.683	138	76591	31.236	ng	98
54) 2,4-Dinitrophenol	14.889	184	117938	94.116	ng	97
55) Dibenzofuran	15.182	168	560327	45.889	ng	99
56) 4-Nitrophenol	14.983	139	193140	101.785	ng	97
57) 2,4-Dinitrotoluene	15.136	165	148676	49.073	ng	90
58) Fluorene	15.829	166	469507	45.643	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.400	232	128124	45.505	ng	97
60) Diethylphthalate	15.588	149	487601	45.598	ng	99
61) 4-Chlorophenyl-phenyle...	15.817	204	242375	47.763	ng	100
62) 4-Nitroaniline	15.846	138	112500	44.938	ng	98
63) Azobenzene	16.111	77	457162	44.984	ng	98
65) 4,6-Dinitro-2-methylph...	15.893	198	78558	49.285	ng	94
66) n-Nitrosodiphenylamine	16.029	169	418664	46.362	ng	100
67) 4-Bromophenyl-phenylether	16.710	248	165897	48.254	ng	99
68) Hexachlorobenzene	16.828	284	183526	47.485	ng	99
69) Atrazine	16.975	200	161483	50.688	ng	98
70) Pentachlorophenol	17.174	266	212644	101.263	ng	98
71) Phenanthrene	17.574	178	762980	45.739	ng	98
72) Anthracene	17.662	178	753679	46.472	ng	99
73) Carbazole	17.932	167	717860	48.042	ng	100
74) Di-n-butylphthalate	18.479	149	872426	46.141	ng	99
75) Fluoranthene	19.577	202	956251	47.123	ng	99
77) Benzidine	19.754	184	269896	37.417	ng	99
78) Pyrene	19.936	202	967945	47.667	ng	99
80) Butylbenzylphthalate	20.811	149	394475	46.572	ng	100
81) Benzo(a)anthracene	21.804	228	915053	46.342	ng	99
82) 3,3'-Dichlorobenzidine	21.710	252	230952	33.360	ng	100
83) Chrysene	21.869	228	868923	46.025	ng	100
84) Bis(2-ethylhexyl)phtha...	21.693	149	582501	47.733	ng	99
85) Di-n-octyl phthalate	22.956	149	977174	47.217	ng	97
87) Indeno(1,2,3-cd)pyrene	29.060	276	1107169	46.628	ng	99
88) Benzo(b)fluoranthene	24.113	252	976331	49.761	ng	99
89) Benzo(k)fluoranthene	24.190	252	951081	48.165	ng	99
90) Benzo(a)pyrene	25.036	252	866378	51.684	ng	100
91) Dibenzo(a,h)anthracene	29.137	278	931844	48.171	ng	99
92) Benzo(g,h,i)perylene	30.282	276	947544	48.486	ng	99

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

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