Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP012422\
Data File : BP008892.D
Acq On : 24 Jan 2022 18:07
Operator : CG/JU
Sample : N1214-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EO-02-012022MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/25/2022
Supervised By :Jagrut Upadhyay 01/25/2022

Quant Time: Jan 25 04:12:18 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP011422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 14 18:05:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	240001	20.000	ng		-0.01
21) Naphthalene-d8	10.651	136	843432	20.000	ng		0.00
39) Acenaphthene-d10	14.486	164	504894	20.000	ng		-0.01
64) Phenanthrene-d10	17.245	188	1074221	20.000	ng		0.00
76) Chrysene-d12	21.339	240	1261874	20.000	ng		0.00
86) Perylene-d12	23.762	264	1451014	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1625938	104.765	ng		0.00
7) Phenol-d6	7.028	99	1934452	102.932	ng		0.00
23) Nitrobenzene-d5	9.010	82	1186226	79.848	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	844799	114.950	ng		0.00
45) 2-Fluorobiphenyl	13.110	172	2910984	76.032	ng		-0.01
79) Terphenyl-d14	19.809	244	4771895	63.831	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.346	88	246961	39.314	ng		96
3) Pyridine	3.740	79	581356	44.187	ng		95
4) n-Nitrosodimethylamine	3.646	42	273151	44.252	ng		82
6) Aniline	7.175	93	255955	10.912	ng		99
8) 2-Chlorophenol	7.416	128	689483	41.713	ng		99
9) Benzaldehyde	6.987	77	368384	29.328	ng		98
10) Phenol	7.051	94	827620	43.196	ng		94
11) bis(2-Chloroethyl)ether	7.269	93	633981	41.588	ng		97
12) 1,3-Dichlorobenzene	7.739	146	810466	41.174	ng		98
13) 1,4-Dichlorobenzene	7.881	146	825959	41.402	ng		99
14) 1,2-Dichlorobenzene	8.198	146	785077	41.272	ng		99
15) Benzyl Alcohol	8.092	79	541401	41.063	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.381	45	692294	40.609	ng		99
17) 2-Methylphenol	8.304	107	526482	41.016	ng		97
18) Hexachloroethane	8.928	117	245181	36.210	ng		97
19) n-Nitroso-di-n-propyla...	8.657	70	442723	40.299	ng		97
20) 3+4-Methylphenols	8.634	107	701363	41.160	ng		98
22) Acetophenone	8.669	105	981819	45.697	ng	#	96
24) Nitrobenzene	9.051	77	670617	44.689	ng		97
25) Isophorone	9.581	82	1173378	43.705	ng		97
26) 2-Nitrophenol	9.763	139	338318	42.884	ng		95
27) 2,4-Dimethylphenol	9.834	122	588048	43.718	ng		99
28) bis(2-Chloroethoxy)met...	10.057	93	739683	42.221	ng		99
29) 2,4-Dichlorophenol	10.304	162	632341	43.079	ng		98
30) 1,2,4-Trichlorobenzene	10.516	180	738905	42.975	ng		99
31) Naphthalene	10.698	128	1988275	43.403	ng		100
32) Benzoic acid	9.998	122	388396	50.314	ng		95
33) 4-Chloroaniline	10.816	127	165496	8.865	ng		97
34) Hexachlorobutadiene	10.986	225	457867	42.622	ng		99
35) Caprolactam	11.610	113	190323m	47.035	ng		
36) 4-Chloro-3-methylphenol	11.951	107	580431	43.832	ng		98
37) 2-Methylnaphthalene	12.310	142	1436419	42.893	ng		98
38) 1-Methylnaphthalene	12.533	142	1321948	43.006	ng		100
40) 1,2,4,5-Tetrachloroben...	12.686	216	805315	43.746	ng		100
41) Hexachlorocyclopentadiene	12.663	237	232348	24.666	ng		98
43) 2,4,6-Trichlorophenol	12.927	196	511135	44.907	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.004	196	553003	45.142	ng		97
46) 1,1'-Biphenyl	13.322	154	1829043	44.526	ng		99
47) 2-Chloronaphthalene	13.363	162	1397128	44.109	ng		100
48) 2-Nitroaniline	13.569	65	352640	50.142	ng		95
49) Acenaphthylene	14.210	152	2144939	44.822	ng		99
50) Dimethylphthalate	13.951	163	1626549	43.377	ng		100
51) 2,6-Dinitrotoluene	14.069	165	349838	43.989	ng		96
52) Acenaphthene	14.551	154	1286895	45.341	ng		99
53) 3-Nitroaniline	14.398	138	191626	24.501	ng		99
54) 2,4-Dinitrophenol	14.616	184	115383	35.874	ng		90
55) Dibenzofuran	14.892	168	2088894	45.167	ng		99
56) 4-Nitrophenol	14.727	139	623722	110.744	ng		92
57) 2,4-Dinitrotoluene	14.863	165	476263	46.559	ng		92
58) Fluorene	15.539	166	1689676	46.255	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	474630	47.035	ng	#	86
60) Diethylphthalate	15.316	149	1584397	44.531	ng		99
61) 4-Chlorophenyl-phenyle...	15.533	204	870046	43.722	ng		98
62) 4-Nitroaniline	15.563	138	350272	46.241	ng		92
63) Azobenzene	15.827	77	1369595	46.366	ng		94
65) 4,6-Dinitro-2-methylph...	15.633	198	83149	15.493	ng		89
66) n-Nitrosodiphenylamine	15.751	169	1444946	41.794	ng		100
67) 4-Bromophenyl-phenylether	16.433	248	550423	41.034	ng		98
68) Hexachlorobenzene	16.557	284	637431	41.470	ng		98
69) Atrazine	16.710	200	527120	41.028	ng		99
70) Pentachlorophenol	16.904	266	810399	98.979	ng		100
71) Phenanthrene	17.292	178	2799169	46.281	ng		99
72) Anthracene	17.380	178	2817514	46.437	ng		99
73) Carbazole	17.651	167	2525302	48.405	ng		99
74) Di-n-butylphthalate	18.204	149	2828209	45.047	ng		99
75) Fluoranthene	19.262	202	3554341	52.845	ng		96
77) Benzidine	19.439	184	2141326	48.034	ng		98
78) Pyrene	19.609	202	3664892	41.624	ng		99
80) Butylbenzylphthalate	20.486	149	1407435	39.745	ng		99
81) Benzo(a)anthracene	21.327	228	3822702	45.029	ng		99
82) 3,3'-Dichlorobenzidine	21.256	252	1380585	37.643	ng		98
83) Chrysene	21.380	228	3628251	44.088	ng		99
84) Bis(2-ethylhexyl)phtha...	21.251	149	2120518	38.668	ng		97
85) Di-n-octyl phthalate	22.180	149	3820123	41.179	ng		100
87) Indeno(1,2,3-cd)pyrene	26.303	276	5128618	42.893	ng		98
88) Benzo(b)fluoranthene	23.027	252	4234084	43.694	ng		99
89) Benzo(k)fluoranthene	23.074	252	4022320	42.882	ng		99
90) Benzo(a)pyrene	23.656	252	4134230	44.201	ng		99
91) Dibenzo(a,h)anthracene	26.321	278	4285449	42.151	ng		98
92) Benzo(g,h,i)perylene	27.086	276	4206817	42.379	ng		98

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

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