Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037279.D
Acq On : 29 Oct 2022 20:00
Operator : CG/JU
Sample : N5219-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BACKYARD-BOTTOM-AMSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 31 02:08:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 31 01:34:15 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	500205	20.000	ng		0.00
21) Naphthalene-d8	10.674	136	1937492	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	1024297	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1707732	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1196258	20.000	ng		0.00
86) Perylene-d12	23.779	264	1236614	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.445	112	3775111	130.387	ng		0.00
7) Phenol-d6	7.051	99	4997617	127.180	ng		0.00
23) Nitrobenzene-d5	9.045	82	2933201	76.381	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1449027	120.042	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	5761398	74.735	ng		0.00
79) Terphenyl-d14	19.862	244	5547832	83.166	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	449802	37.939	ng		99
3) Pyridine	3.734	79	1219276	34.520	ng		99
4) n-Nitrosodimethylamine	3.646	42	627583	40.651	ng		100
6) Aniline	7.204	93	1787932	37.219	ng		100
8) 2-Chlorophenol	7.439	128	1621717	46.021	ng		99
9) Benzaldehyde	7.016	77	691051	34.743	ng		99
10) Phenol	7.075	94	2018032	45.832	ng		100
11) bis(2-Chloroethyl)ether	7.304	93	1544478	43.750	ng		99
12) 1,3-Dichlorobenzene	7.757	146	1705641	44.295	ng		98
13) 1,4-Dichlorobenzene	7.910	146	1746196	43.962	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1668893	43.748	ng		98
15) Benzyl Alcohol	8.122	79	1262676m	44.945	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2161693	42.952	ng		99
17) 2-Methylphenol	8.322	107	1255851	43.644	ng		99
18) Hexachloroethane	8.945	117	629316	44.926	ng		99
19) n-Nitroso-di-n-propyla...	8.686	70	1133659	42.086	ng		99
20) 3+4-Methylphenols	8.657	107	1675630	42.395	ng		99
22) Acetophenone	8.704	105	2248578	44.651	ng	#	99
24) Nitrobenzene	9.086	77	1639560	42.112	ng		98
25) Isophorone	9.610	82	2933511	45.706	ng		100
26) 2-Nitrophenol	9.792	139	810852	46.522	ng		99
27) 2,4-Dimethylphenol	9.857	122	1238048	47.862	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	1915294	47.963	ng		100
29) 2,4-Dichlorophenol	10.327	162	1341091	45.165	ng		99
30) 1,2,4-Trichlorobenzene	10.533	180	1419603	42.160	ng		100
31) Naphthalene	10.722	128	4540175	41.361	ng		99
32) Benzoic acid	10.016	122	773897	35.073	ng		99
33) 4-Chloroaniline	10.845	127	1031168	23.583	ng		99
34) Hexachlorobutadiene	10.998	225	816450	43.423	ng		97
35) Caprolactam	11.657	113	367921	40.758	ng		99
36) 4-Chloro-3-methylphenol	11.969	107	1303145	42.587	ng		99
37) 2-Methylnaphthalene	12.333	142	3097005	41.642	ng		100
38) 1-Methylnaphthalene	12.551	142	2933170	40.363	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	1508706	48.988	ng		99
41) Hexachlorocyclopentadiene	12.674	237	1764746	120.268	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	979133	46.183	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	1047014	44.768	ng	100
46) 1,1'-Biphenyl	13.345	154	3881719	46.961	ng	99
47) 2-Chloronaphthalene	13.386	162	2915828	44.328	ng	100
48) 2-Nitroaniline	13.598	65	820000	43.138	ng	100
49) Acenaphthylene	14.227	152	4428979	43.374	ng	99
50) Dimethylphthalate	13.974	163	3254336	41.596	ng	100
51) 2,6-Dinitrotoluene	14.098	165	729122	44.007	ng	92
52) Acenaphthene	14.568	154	2688647	42.591	ng	99
53) 3-Nitroaniline	14.427	138	514938	27.820	ng	96
54) 2,4-Dinitrophenol	14.633	184	652068	61.402	ng	93
55) Dibenzofuran	14.904	168	4098056	42.148	ng	100
56) 4-Nitrophenol	14.739	139	1181992	80.047	ng	97
57) 2,4-Dinitrotoluene	14.880	165	926589	42.501	ng	99
58) Fluorene	15.551	166	3385804	41.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.133	232	780413	39.812	ng	99
60) Diethylphthalate	15.327	149	3124125	41.084	ng	100
61) 4-Chlorophenyl-phenyle...	15.545	204	1645765	43.832	ng	99
62) 4-Nitroaniline	15.586	138	675563	36.392	ng	98
63) Azobenzene	15.839	77	3091293	41.266	ng	99
65) 4,6-Dinitro-2-methylph...	15.639	198	409629	35.806	ng	99
66) n-Nitrosodiphenylamine	15.762	169	2696642	46.717	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	926377	48.339	ng	99
68) Hexachlorobenzene	16.545	284	1081727	46.642	ng	99
69) Atrazine	16.715	200	831404	57.244	ng	99
70) Pentachlorophenol	16.898	266	1119626	82.965	ng	98
71) Phenanthrene	17.286	178	4472494	42.213	ng	100
72) Anthracene	17.380	178	4415360	44.021	ng	100
73) Carbazole	17.656	167	3856282	41.914	ng	99
74) Di-n-butylphthalate	18.215	149	4715255	46.413	ng	100
75) Fluoranthene	19.297	202	4329649	38.659	ng	100
77) Benzidine	19.492	184	1065822	59.751	ng	100
78) Pyrene	19.662	202	4367423	47.478	ng	100
80) Butylbenzylphthalate	20.556	149	1685342	51.302	ng	99
81) Benzo(a)anthracene	21.403	228	3608454	42.370	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	1225751	49.003	ng	98
83) Chrysene	21.456	228	3372549	41.103	ng	100
84) Bis(2-ethylhexyl)phtha...	21.327	149	2356448	53.445	ng	99
85) Di-n-octyl phthalate	22.238	149	3517669	50.658	ng	100
87) Indeno(1,2,3-cd)pyrene	26.221	276	4859300	47.992	ng	100
88) Benzo(b)fluoranthene	23.062	252	3837085	44.694	ng	99
89) Benzo(k)fluoranthene	23.109	252	3607994	41.201	ng	99
90) Benzo(a)pyrene	23.674	252	3314373	47.382	ng	99
91) Dibenzo(a,h)anthracene	26.232	278	4254582	50.600	ng	100
92) Benzo(g,h,i)perylene	26.979	276	4149072	50.701	ng	99

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

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