Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102922\
Data File : BM037276.D
Acq On : 29 Oct 2022 18:14
Operator : CG/JU
Sample : N5273-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LIDEN-GAS-PIPELINEMSD

Manual Integrations APPROVED

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

Quant Time: Oct 31 02:07:29 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	502561	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	1850228	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	924456	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1580850	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1507242	20.000	ng		0.00
86) Perylene-d12	23.780	264	1655396	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	3405419	117.067	ng		0.00
7) Phenol-d6	7.051	99	4198193	106.335	ng		0.00
23) Nitrobenzene-d5	9.045	82	2447836	66.748	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	1205030	110.610	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	4422950	63.570	ng		0.00
79) Terphenyl-d14	19.862	244	4792023	57.014	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	450071	37.784	ng		99
3) Pyridine	3.734	79	1260179	35.510	ng		98
4) n-Nitrosodimethylamine	3.652	42	640176	41.273	ng		98
6) Aniline	7.204	93	1932154	40.032	ng		99
8) 2-Chlorophenol	7.440	128	1542553	43.569	ng		99
9) Benzaldehyde	7.016	77	1047431	52.413	ng		99
10) Phenol	7.075	94	1876354	42.415	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	1501609	42.337	ng		99
12) 1,3-Dichlorobenzene	7.757	146	1712296	44.259	ng		99
13) 1,4-Dichlorobenzene	7.910	146	1738480	43.563	ng		99
14) 1,2-Dichlorobenzene	8.222	146	1660401	43.321	ng		98
15) Benzyl Alcohol	8.122	79	1169538m	41.434	ng		
16) 2,2'-oxybis(1-Chloropr...	8.410	45	2094132	41.415	ng		99
17) 2-Methylphenol	8.328	107	1166415	40.346	ng		99
18) Hexachloroethane	8.945	117	631460	44.868	ng		100
19) n-Nitroso-di-n-propyla...	8.692	70	1044309	38.593	ng		99
20) 3+4-Methylphenols	8.657	107	1527895	38.476	ng		99
22) Acetophenone	8.704	105	2106597	43.805	ng	#	99
24) Nitrobenzene	9.087	77	1555647	41.841	ng		98
25) Isophorone	9.610	82	2666042	43.498	ng		99
26) 2-Nitrophenol	9.792	139	752521	45.211	ng		98
27) 2,4-Dimethylphenol	9.857	122	1182581	47.874	ng		99
28) bis(2-Chloroethoxy)met...	10.092	93	1767393	46.347	ng		100
29) 2,4-Dichlorophenol	10.328	162	1207943	42.600	ng		99
30) 1,2,4-Trichlorobenzene	10.534	180	1398038	43.477	ng		98
31) Naphthalene	10.728	128	4304986	41.068	ng		100
32) Benzoic acid	10.010	122	726405	34.592	ng		98
33) 4-Chloroaniline	10.845	127	1110771	26.602	ng		99
34) Hexachlorobutadiene	10.998	225	788477	43.913	ng		99
35) Caprolactam	11.651	113	327848	38.032	ng		98
36) 4-Chloro-3-methylphenol	11.969	107	1144152	39.155	ng		99
37) 2-Methylnaphthalene	12.333	142	2834458	39.909	ng		100
38) 1-Methylnaphthalene	12.551	142	2649018	38.172	ng		100
40) 1,2,4,5-Tetrachloroben...	12.698	216	1368527	49.235	ng		99
41) Hexachlorocyclopentadiene	12.675	237	1606687	121.322	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	867198	45.321	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.016	196	928943	44.009	ng		99
46) 1,1'-Biphenyl	13.345	154	3444425	46.171	ng		99
47) 2-Chloronaphthalene	13.386	162	2641236	44.490	ng		100
48) 2-Nitroaniline	13.598	65	724984	42.258	ng		99
49) Acenaphthylene	14.227	152	3991072	43.307	ng		100
50) Dimethylphthalate	13.974	163	2862711	40.542	ng		100
51) 2,6-Dinitrotoluene	14.098	165	626347	41.887	ng		96
52) Acenaphthene	14.569	154	2390865	41.964	ng		99
53) 3-Nitroaniline	14.427	138	506090	30.295	ng		99
54) 2,4-Dinitrophenol	14.633	184	628436	65.130	ng		93
55) Dibenzofuran	14.904	168	3626291	41.324	ng		99
56) 4-Nitrophenol	14.739	139	1125985	84.490	ng		99
57) 2,4-Dinitrotoluene	14.880	165	821930	41.772	ng		99
58) Fluorene	15.551	166	3011326	41.112	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.133	232	719222	40.653	ng		99
60) Diethylphthalate	15.333	149	2756260	40.161	ng		99
61) 4-Chlorophenyl-phenyle...	15.545	204	1440437	42.506	ng		99
62) 4-Nitroaniline	15.586	138	640054	38.203	ng		99
63) Azobenzene	15.839	77	2741024	40.542	ng		99
65) 4,6-Dinitro-2-methylph...	15.639	198	389383	36.633	ng		99
66) n-Nitrosodiphenylamine	15.768	169	2396620	44.852	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	814520	45.914	ng		98
68) Hexachlorobenzene	16.551	284	959555	44.695	ng		98
69) Atrazine	16.715	200	741610	55.160	ng		100
70) Pentachlorophenol	16.898	266	1141380	91.365	ng		98
71) Phenanthrene	17.292	178	4196475	42.787	ng		100
72) Anthracene	17.380	178	4142338	44.613	ng		100
73) Carbazole	17.657	167	3750234	44.032	ng		100
74) Di-n-butylphthalate	18.215	149	4408561	46.877	ng		100
75) Fluoranthene	19.304	202	4510163	43.503	ng		99
77) Benzidine	19.498	184	2473369	110.049	ng		100
78) Pyrene	19.662	202	4648462	40.107	ng		99
80) Butylbenzylphthalate	20.562	149	1883189	45.497	ng		99
81) Benzo(a)anthracene	21.403	228	4553105	42.431	ng		100
82) 3,3'-Dichlorobenzidine	21.345	252	1589283	50.427	ng		99
83) Chrysene	21.456	228	4287879	41.476	ng		100
84) Bis(2-ethylhexyl)phtha...	21.333	149	2836639	51.061	ng	#	97
85) Di-n-octyl phthalate	22.239	149	4722512	53.977	ng		100
87) Indeno(1,2,3-cd)pyrene	26.227	276	6153917	45.403	ng		100
88) Benzo(b)fluoranthene	23.062	252	5090087	44.290	ng		99
89) Benzo(k)fluoranthene	23.109	252	4986942	42.541	ng		99
90) Benzo(a)pyrene	23.680	252	4491815	47.969	ng		99
91) Dibenzo(a,h)anthracene	26.244	278	5244963	46.598	ng		100
92) Benzo(g,h,i)perylene	26.980	276	5023673	45.859	ng		100

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

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