Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037478.D
Acq On : 11 Nov 2022 21:53
Operator : CG/JU
Sample : N5531-08MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Nov 11 23:00:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SB-33MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/12/2022
Supervised By :Jagrut Upadhyay 11/12/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	275619	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	1037092	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	546213	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	962705	20.000	ng		0.00
76) Chrysene-d12	21.380	240	842986	20.000	ng		0.00
86) Perylene-d12	23.721	264	823401	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.381	112	1538694	96.449	ng		0.00
7) Phenol-d6	6.987	99	1930176	89.144	ng		0.00
23) Nitrobenzene-d5	8.975	82	1221130	59.406	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	710795	110.424	ng		0.00
45) 2-Fluorobiphenyl	13.074	172	2518233	61.257	ng		0.00
79) Terphenyl-d14	19.821	244	3069077	65.288	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	270684	41.435	ng		94
3) Pyridine	3.663	79	704399	36.193	ng		99
4) n-Nitrosodimethylamine	3.581	42	347233	40.819	ng		96
6) Aniline	7.139	93	1002675	37.880	ng		99
8) 2-Chlorophenol	7.369	128	852059	43.882	ng		98
9) Benzaldehyde	6.951	77	447528	40.833	ng		100
10) Phenol	7.016	94	984108	40.563	ng		99
11) bis(2-Chloroethyl)ether	7.239	93	807159	41.495	ng		98
12) 1,3-Dichlorobenzene	7.692	146	961420	45.312	ng		99
13) 1,4-Dichlorobenzene	7.839	146	990264	45.246	ng		98
14) 1,2-Dichlorobenzene	8.151	146	948059	45.103	ng		99
15) Benzyl Alcohol	8.057	79	663423	42.857	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.339	45	1129910	40.745	ng		99
17) 2-Methylphenol	8.263	107	661108	41.696	ng		99
18) Hexachloroethane	8.875	117	373727	48.420	ng		97
19) n-Nitroso-di-n-propyla...	8.622	70	594756	40.075	ng		98
20) 3+4-Methylphenols	8.592	107	870350	39.964	ng		99
22) Acetophenone	8.639	105	1205737	44.730	ng	#	99
24) Nitrobenzene	9.022	77	891782	42.792	ng		97
25) Isophorone	9.545	82	1528065	44.479	ng		99
26) 2-Nitrophenol	9.727	139	440883	47.256	ng		98
27) 2,4-Dimethylphenol	9.792	122	699560	50.525	ng		99
28) bis(2-Chloroethoxy)met...	10.027	93	987989	46.222	ng		100
29) 2,4-Dichlorophenol	10.263	162	709893	44.665	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	829293	46.011	ng		99
31) Naphthalene	10.657	128	2487946	42.343	ng		100
32) Benzoic acid	9.957	122	437472	36.648	ng		98
33) 4-Chloroaniline	10.780	127	609808	26.055	ng		99
34) Hexachlorobutadiene	10.927	225	488267	48.514	ng		99
35) Caprolactam	11.592	113	193919	40.133	ng		99
36) 4-Chloro-3-methylphenol	11.916	107	669015	40.846	ng		98
37) 2-Methylnaphthalene	12.269	142	1648027	41.397	ng		99
38) 1-Methylnaphthalene	12.486	142	1543964	39.692	ng		99
40) 1,2,4,5-Tetrachloroben...	12.633	216	844280	51.408	ng		99
41) Hexachlorocyclopentadiene	12.604	237	1031457	131.820	ng		99
43) 2,4,6-Trichlorophenol	12.886	196	532236	47.077	ng		100

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.963	196	557930	44.736 ng	98
46) 1,1'-Biphenyl	13.286	154	2069179	46.943 ng	99
47) 2-Chloronaphthalene	13.327	162	1605636	45.774 ng	100
48) 2-Nitroaniline	13.545	65	428002	42.224 ng	97
49) Acenaphthylene	14.174	152	2411610	44.290 ng	100
50) Dimethylphthalate	13.921	163	1751402	41.979 ng	100
51) 2,6-Dinitrotoluene	14.045	165	386461	43.741 ng	97
52) Acenaphthene	14.515	154	1440869	42.803 ng	98
53) 3-Nitroaniline	14.374	138	291692	29.552 ng	99
54) 2,4-Dinitrophenol	14.586	184	406398	70.675 ng	95
55) Dibenzofuran	14.851	168	2229110	42.993 ng	100
56) 4-Nitrophenol	14.698	139	620343	78.782 ng	96
57) 2,4-Dinitrotoluene	14.833	165	512997	44.125 ng	96
58) Fluorene	15.498	166	1814452	41.925 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	451889	43.230 ng	97
60) Diethylphthalate	15.280	149	1713871	42.266 ng	99
61) 4-Chlorophenyl-phenyle...	15.492	204	888227	44.362 ng	99
62) 4-Nitroaniline	15.539	138	360169m	36.384 ng	
63) Azobenzene	15.786	77	1647698	41.247 ng	99
65) 4,6-Dinitro-2-methylph...	15.592	198	253035	38.754 ng	99
66) n-Nitrosodiphenylamine	15.715	169	1467770	45.106 ng	99
67) 4-Bromophenyl-phenylether	16.386	248	520662	48.194 ng	99
68) Hexachlorobenzene	16.498	284	623675	47.703 ng	95
69) Atrazine	16.668	200	470727	57.493 ng	99
70) Pentachlorophenol	16.845	266	702568	92.350 ng	99
71) Phenanthrene	17.239	178	2535252	42.447 ng	100
72) Anthracene	17.327	178	2553021	45.151 ng	99
73) Carbazole	17.609	167	2221835	42.837 ng	100
74) Di-n-butylphthalate	18.168	149	2723161	47.548 ng	99
75) Fluoranthene	19.256	202	2671117	42.308 ng	98
77) Benzidine	19.456	184	1352735	107.615 ng	99
78) Pyrene	19.615	202	2789281	43.029 ng	100
80) Butylbenzylphthalate	20.521	149	1115055	48.167 ng	97
81) Benzo(a)anthracene	21.368	228	2505230	41.743 ng	99
82) 3,3'-Dichlorobenzidine	21.303	252	820342	46.539 ng	98
83) Chrysene	21.421	228	2390460	41.342 ng	100
84) Bis(2-ethylhexyl)phtha...	21.291	149	1660105	53.430 ng	99
85) Di-n-octyl phthalate	22.197	149	2624744	53.639 ng	98
87) Indeno(1,2,3-cd)pyrene	26.138	276	3158577	46.850 ng	97
88) Benzo(b)fluoranthene	23.009	252	2526343	44.194 ng	99
89) Benzo(k)fluoranthene	23.056	252	2419458	41.494 ng	99
90) Benzo(a)pyrene	23.615	252	2167672	46.540 ng	99
91) Dibenzo(a,h)anthracene	26.150	278	2670617	47.701 ng	99
92) Benzo(g,h,i)perylene	26.879	276	2688046	49.332 ng	97

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

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