Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081123\
Data File : BM041388.D
Acq On : 11 Aug 2023 15:37
Operator : MA/JU
Sample : 03954-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-15MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/12/2023
Supervised By :mohammad ahmed 08/12/2023

Quant Time: Aug 11 18:14:41 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 17:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.775	152	135240	20.000	ng		0.00
21) Naphthalene-d8	10.580	136	589435	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	412800	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	980794	20.000	ng	#	0.00
76) Chrysene-d12	21.415	240	1060167	20.000	ng	#	0.00
86) Perylene-d12	23.774	264	1245239	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.357	112	1182131	130.642	ng		0.01
7) Phenol-d6	6.963	99	1454619	124.017	ng		0.00
23) Nitrobenzene-d5	8.957	82	1106034	87.263	ng		0.00
42) 2,4,6-Tribromophenol	15.951	330	930679	159.395	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2675993	81.891	ng		0.00
79) Terphenyl-d14	19.845	244	5312193	90.596	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	132494	34.228	ng	#	46
3) Pyridine	3.669	79	312955	30.748	ng		96
4) n-Nitrosodimethylamine	3.575	42	195789	41.593	ng		99
6) Aniline	7.116	93	284537	20.729	ng		99
8) 2-Chlorophenol	7.345	128	461213	52.211	ng		97
9) Benzaldehyde	6.928	77	189606m	30.636	ng		
10) Phenol	6.992	94	529804	46.767	ng		96
11) bis(2-Chloroethyl)ether	7.216	93	436791	47.632	ng		96
12) 1,3-Dichlorobenzene	7.663	146	459590	47.796	ng		98
13) 1,4-Dichlorobenzene	7.810	146	469911	48.620	ng		100
14) 1,2-Dichlorobenzene	8.122	146	458848	49.515	ng		100
15) Benzyl Alcohol	8.034	79	462092m	62.384	ng		
16) 2,2'-oxybis(1-Chloropr...	8.316	45	516529	42.276	ng		93
17) 2-Methylphenol	8.239	107	402395	51.992	ng		98
18) Hexachloroethane	8.839	117	175160	48.680	ng		89
19) n-Nitroso-di-n-propyla...	8.598	70	396888	55.709	ng		96
20) 3+4-Methylphenols	8.575	107	546910	52.850	ng		95
22) Acetophenone	8.616	105	739136	47.348	ng		99
24) Nitrobenzene	8.998	77	573593	44.750	ng		98
25) Isophorone	9.522	82	1110234	51.601	ng		99
26) 2-Nitrophenol	9.704	139	263673	52.622	ng		97
27) 2,4-Dimethylphenol	9.769	122	428654	48.615	ng		97
28) bis(2-Chloroethoxy)met...	10.010	93	636233	47.207	ng		100
29) 2,4-Dichlorophenol	10.239	162	501094	56.355	ng		99
30) 1,2,4-Trichlorobenzene	10.445	180	498620	50.755	ng		98
31) Naphthalene	10.633	128	1430911	44.735	ng		99
32) Benzoic acid	9.963	122	327200	49.199	ng		94
33) 4-Chloroaniline	10.775	127	84675	6.624	ng		99
34) Hexachlorobutadiene	10.898	225	314712	53.265	ng		99
35) Caprolactam	11.598	113	136763m	53.169	ng		
36) 4-Chloro-3-methylphenol	11.904	107	538100	57.497	ng		97
37) 2-Methylnaphthalene	12.251	142	1041881	48.315	ng		99
38) 1-Methylnaphthalene	12.469	142	1011564	50.120	ng		99
40) 1,2,4,5-Tetrachloroben...	12.621	216	615562	45.924	ng	#	97
41) Hexachlorocyclopentadiene	12.586	237	639285	90.150	ng		99
43) 2,4,6-Trichlorophenol	12.874	196	448031	52.150	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	491050	49.383	ng		97
46) 1,1'-Biphenyl	13.274	154	1471748	43.978	ng		99
47) 2-Chloronaphthalene	13.316	162	1155501	46.243	ng		98
48) 2-Nitroaniline	13.545	65	380750	47.737	ng		97
49) Acenaphthylene	14.168	152	1928920	47.826	ng		99
50) Dimethylphthalate	13.916	163	1592757	51.294	ng		100
51) 2,6-Dinitrotoluene	14.045	165	346676	53.883	ng		99
52) Acenaphthene	14.510	154	1108166	45.609	ng		99
53) 3-Nitroaniline	14.380	138	228519	31.623	ng		98
54) 2,4-Dinitrophenol	14.598	184	468701	105.843	ng		91
55) Dibenzofuran	14.845	168	1875117	47.302	ng		99
56) 4-Nitrophenol	14.704	139	491725	91.703	ng		94
57) 2,4-Dinitrotoluene	14.845	165	496281	53.680	ng		94
58) Fluorene	15.498	166	1549136	49.536	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	466330	57.914	ng		95
60) Diethylphthalate	15.280	149	1621034	53.983	ng		99
61) 4-Chlorophenyl-phenyle...	15.492	204	819700	52.306	ng		98
62) 4-Nitroaniline	15.557	138	310371	45.469	ng		93
63) Azobenzene	15.792	77	1592759	48.423	ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	299460	50.401	ng		87
66) n-Nitrosodiphenylamine	15.721	169	1337757	43.856	ng		98
67) 4-Bromophenyl-phenylether	16.392	248	516684	48.047	ng		98
68) Hexachlorobenzene	16.504	284	616508	51.558	ng		95
69) Atrazine	16.680	200	532552	66.481	ng		99
70) Pentachlorophenol	16.857	266	748186	90.359	ng		99
71) Phenanthrene	17.251	178	2500476	45.886	ng		100
72) Anthracene	17.339	178	2563704	47.568	ng		100
73) Carbazole	17.621	167	2362952	48.441	ng		100
74) Di-n-butylphthalate	18.180	149	2990414	54.250	ng		100
75) Fluoranthene	19.274	202	3199744	52.264	ng		98
77) Benzidine	19.474	184	488428	33.801	ng		99
78) Pyrene	19.639	202	3350864	45.197	ng		100
80) Butylbenzylphthalate	20.544	149	1441601	53.246	ng		96
81) Benzo(a)anthracene	21.397	228	3521624	48.999	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	836018	35.648	ng		99
83) Chrysene	21.450	228	3317312	47.720	ng		99
84) Bis(2-ethylhexyl)phtha...	21.315	149	2185016	50.671	ng		97
85) Di-n-octyl phthalate	22.233	149	3890400	56.856	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.226	276	4116169	44.960	ng	#	94
88) Benzo(b)fluoranthene	23.062	252	3798938	51.354	ng	#	97
89) Benzo(k)fluoranthene	23.109	252	3549993	46.914	ng	#	98
90) Benzo(a)pyrene	23.674	252	3278704	46.127	ng	#	97
91) Dibenzo(a,h)anthracene	26.238	278	3498269	45.812	ng	#	96
92) Benzo(g,h,i)perylene	26.979	276	3191234	42.710	ng	#	95

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

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