Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041271.D
Acq On : 03 Aug 2023 20:52
Operator : MA/JU
Sample : 03756-20MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
307/308-TP-6-8-CS3MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/04/2023
Supervised By :mohammad ahmed 08/04/2023

Quant Time: Aug 04 01:23:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 19:20:51 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.793	152	144619	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	645383	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	430109	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	948995	20.000	ng		0.00
76) Chrysene-d12	21.427	240	752449	20.000	ng		0.00
86) Perylene-d12	23.797	264	737169	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	760607	78.606	ng		0.00
7) Phenol-d6	6.981	99	1036876	82.668	ng		0.00
23) Nitrobenzene-d5	8.975	82	649866	46.828	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	485896	79.869	ng		0.00
45) 2-Fluorobiphenyl	13.080	172	1546814	45.431	ng		0.00
79) Terphenyl-d14	19.856	244	2549292	61.257	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	124090	29.978	ng		96
3) Pyridine	3.663	79	357272	32.826	ng		96
4) n-Nitrosodimethylamine	3.581	42	183797	36.513	ng		89
6) Aniline	7.128	93	646200	44.023	ng		99
8) 2-Chlorophenol	7.363	128	508646	53.846	ng		99
9) Benzaldehyde	6.945	77	296722m	44.834	ng		
10) Phenol	7.010	94	656636	54.204	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	467115	47.636	ng		97
12) 1,3-Dichlorobenzene	7.681	146	505042	49.116	ng		99
13) 1,4-Dichlorobenzene	7.834	146	522125	50.519	ng		99
14) 1,2-Dichlorobenzene	8.145	146	507723	51.235	ng		99
15) Benzyl Alcohol	8.051	79	482332	60.894	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	593794	45.448	ng		96
17) 2-Methylphenol	8.257	107	442044	53.411	ng		99
18) Hexachloroethane	8.863	117	156364	40.638	ng		91
19) n-Nitroso-di-n-propyla...	8.616	70	405456	53.221	ng		96
20) 3+4-Methylphenols	8.592	107	610622	55.180	ng		97
22) Acetophenone	8.634	105	770810	45.096	ng	#	99
24) Nitrobenzene	9.016	77	601049	42.827	ng		100
25) Isophorone	9.545	82	1136706	48.252	ng		99
26) 2-Nitrophenol	9.728	139	218254	39.781	ng		95
27) 2,4-Dimethylphenol	9.792	122	452360	46.856	ng		98
28) bis(2-Chloroethoxy)met...	10.028	93	672872	45.598	ng		99
29) 2,4-Dichlorophenol	10.263	162	536687	55.125	ng		99
30) 1,2,4-Trichlorobenzene	10.469	180	538216	50.036	ng		98
31) Naphthalene	10.657	128	1568423	44.784	ng		99
32) Benzoic acid	9.975	122	368410	50.391	ng		98
33) 4-Chloroaniline	10.781	127	525611	37.554	ng		99
34) Hexachlorobutadiene	10.922	225	326377	50.450	ng		99
35) Caprolactam	11.616	113	171103	60.753	ng	#	86
36) 4-Chloro-3-methylphenol	11.922	107	568682	55.497	ng		97
37) 2-Methylnaphthalene	12.275	142	1125168	47.654	ng		99
38) 1-Methylnaphthalene	12.492	142	1088363	49.250	ng		99
40) 1,2,4,5-Tetrachloroben...	12.645	216	644137	46.121	ng		98
41) Hexachlorocyclopentadiene	12.610	237	250720	33.933	ng		99
43) 2,4,6-Trichlorophenol	12.898	196	456198	50.964	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	491570	47.446	ng		97
46) 1,1'-Biphenyl	13.292	154	1519488	43.578	ng		99
47) 2-Chloronaphthalene	13.339	162	1204019	46.246	ng		98
48) 2-Nitroaniline	13.563	65	407967	49.091	ng		93
49) Acenaphthylene	14.186	152	1962880	46.710	ng		100
50) Dimethylphthalate	13.933	163	1506864	46.575	ng		99
51) 2,6-Dinitrotoluene	14.063	165	304582	45.435	ng		97
52) Acenaphthene	14.527	154	1136173	44.880	ng		99
53) 3-Nitroaniline	14.398	138	385025	49.546	ng		95
54) 2,4-Dinitrophenol	14.616	184	151930	36.948	ng	#	87
55) Dibenzofuran	14.868	168	1891141	45.786	ng		99
56) 4-Nitrophenol	14.721	139	521464	93.336	ng		96
57) 2,4-Dinitrotoluene	14.857	165	415169	43.625	ng		96
58) Fluorene	15.521	166	1529694	46.946	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	425096	50.669	ng		96
60) Diethylphthalate	15.298	149	1532805	48.991	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	802205	49.130	ng		95
62) 4-Nitroaniline	15.568	138	377164	52.341	ng		97
63) Azobenzene	15.810	77	1569145	45.785	ng		96
65) 4,6-Dinitro-2-methylph...	15.621	198	107262	18.658	ng		94
66) n-Nitrosodiphenylamine	15.739	169	1307695	44.307	ng		98
67) 4-Bromophenyl-phenylether	16.410	248	504388	48.476	ng		99
68) Hexachlorobenzene	16.521	284	592672	51.225	ng		97
69) Atrazine	16.698	200	415473	53.603	ng		100
70) Pentachlorophenol	16.880	266	618003	77.138	ng		99
71) Phenanthrene	17.268	178	2376892	45.080	ng		100
72) Anthracene	17.362	178	2399097	46.006	ng		100
73) Carbazole	17.639	167	2184744	46.288	ng		100
74) Di-n-butylphthalate	18.198	149	2844067	53.324	ng		99
75) Fluoranthene	19.292	202	2692099	45.446	ng		99
77) Benzidine	19.492	184	1608296	156.818	ng		100
78) Pyrene	19.656	202	2733232	51.943	ng		100
80) Butylbenzylphthalate	20.556	149	1237289	64.389	ng		98
81) Benzo(a)anthracene	21.409	228	2510892	49.224	ng		99
82) 3,3'-Dichlorobenzidine	21.350	252	978034	58.758	ng		99
83) Chrysene	21.462	228	2262068	45.847	ng		99
84) Bis(2-ethylhexyl)phtha...	21.333	149	1833617	59.448	ng	#	96
85) Di-n-octyl phthalate	22.250	149	2933768	60.409	ng		96
87) Indeno(1,2,3-cd)pyrene	26.256	276	2355514	43.462	ng		96
88) Benzo(b)fluoranthene	23.080	252	2262940m	51.674	ng		
89) Benzo(k)fluoranthene	23.127	252	2110511	47.114	ng		99
90) Benzo(a)pyrene	23.697	252	1892867	44.984	ng		98
91) Dibenzo(a,h)anthracene	26.268	278	1983624	43.880	ng		98
92) Benzo(g,h,i)perylene	27.009	276	1839111	41.578	ng		97

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

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