Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
Data File : BM039149.D
Acq On : 24 Mar 2023 19:44
Operator : CG/JU
Sample : 02045-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC1-20230322MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/27/2023
Supervised By :Jagrut Upadhyay 03/27/2023

Quant Time: Mar 25 01:08:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 24 15:04:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	262557	20.000	ng		0.00
21) Naphthalene-d8	10.763	136	988748	20.000	ng		0.00
39) Acenaphthene-d10	14.592	164	516199	20.000	ng		0.00
64) Phenanthrene-d10	17.339	188	930721	20.000	ng		0.00
76) Chrysene-d12	21.521	240	732903	20.000	ng		0.00
86) Perylene-d12	23.944	264	843051	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	1777278	102.842	ng		0.00
7) Phenol-d6	7.116	99	2210615	98.481	ng		0.00
23) Nitrobenzene-d5	9.122	82	1576614	78.326	ng		0.00
42) 2,4,6-Tribromophenol	16.080	330	763318	127.825	ng		0.00
45) 2-Fluorobiphenyl	13.222	172	3234902	81.581	ng		0.00
79) Terphenyl-d14	19.956	244	3869174	96.522	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	180894	23.529	ng	#	52
3) Pyridine	3.793	79	449035	21.059	ng		98
4) n-Nitrosodimethylamine	3.693	42	236752	27.286	ng		95
6) Aniline	7.275	93	673533	22.852	ng		100
8) 2-Chlorophenol	7.516	128	598374	32.523	ng		95
9) Benzaldehyde	7.087	77	282555	26.452	ng		98
10) Phenol	7.146	94	678472	28.463	ng		98
11) bis(2-Chloroethyl)ether	7.375	93	642642	33.159	ng		98
12) 1,3-Dichlorobenzene	7.840	146	638999	32.681	ng		98
13) 1,4-Dichlorobenzene	7.987	146	647234	32.548	ng		99
14) 1,2-Dichlorobenzene	8.304	146	630979	32.941	ng		99
15) Benzyl Alcohol	8.193	79	570250m	35.443	ng		
16) 2,2'-oxybis(1-Chloropr...	8.487	45	804721	32.877	ng		99
17) 2-Methylphenol	8.398	107	520439	31.783	ng		99
18) Hexachloroethane	9.034	117	243204	33.148	ng		95
19) n-Nitroso-di-n-propyla...	8.763	70	487963	34.513	ng		99
20) 3+4-Methylphenols	8.728	107	680738	31.134	ng		97
22) Acetophenone	8.781	105	971600	35.024	ng	#	98
24) Nitrobenzene	9.163	77	705740	33.358	ng		98
25) Isophorone	9.692	82	1345473	36.324	ng		99
26) 2-Nitrophenol	9.875	139	287637	31.863	ng		97
27) 2,4-Dimethylphenol	9.940	122	586068	36.312	ng		98
28) bis(2-Chloroethoxy)met...	10.175	93	844311	35.475	ng		100
29) 2,4-Dichlorophenol	10.410	162	542938	35.482	ng		99
30) 1,2,4-Trichlorobenzene	10.628	180	575999	34.447	ng		99
31) Naphthalene	10.816	128	2014448	35.730	ng		100
32) Benzoic acid	10.051	122	248628	24.221	ng		99
33) 4-Chloroaniline	10.928	127	393859	16.392	ng		99
34) Hexachlorobutadiene	11.098	225	329549	34.367	ng		98
35) Caprolactam	11.722	113	146623	31.483	ng		98
36) 4-Chloro-3-methylphenol	12.051	107	570181	34.993	ng		99
37) 2-Methylnaphthalene	12.422	142	1281411	33.910	ng		99
38) 1-Methylnaphthalene	12.639	142	1201245	33.921	ng		100
40) 1,2,4,5-Tetrachloroben...	12.786	216	629206	37.494	ng		100
41) Hexachlorocyclopentadiene	12.763	237	561205	60.925	ng		98
43) 2,4,6-Trichlorophenol	13.028	196	417176	38.390	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.098	196	429258	33.748	ng	98
46) 1,1'-Biphenyl	13.428	154	1676782	38.343	ng	99
47) 2-Chloronaphthalene	13.469	162	1252418	37.979	ng	100
48) 2-Nitroaniline	13.675	65	390086	37.457	ng	96
49) Acenaphthylene	14.316	152	1955840	37.235	ng	100
50) Dimethylphthalate	14.051	163	1501864	37.810	ng	99
51) 2,6-Dinitrotoluene	14.175	165	326264	37.479	ng	94
52) Acenaphthene	14.657	154	1187451	36.785	ng	99
53) 3-Nitroaniline	14.498	138	263585	26.407	ng	98
54) 2,4-Dinitrophenol	14.710	184	252964	52.041	ng	91
55) Dibenzofuran	14.992	168	1854582	36.714	ng	99
56) 4-Nitrophenol	14.810	139	399468	50.638	ng	97
57) 2,4-Dinitrotoluene	14.957	165	397202	34.947	ng	99
58) Fluorene	15.639	166	1466704	37.066	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.216	232	360940	36.794	ng	97
60) Diethylphthalate	15.410	149	1462089	37.830	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	720128	37.045	ng	99
62) 4-Nitroaniline	15.663	138	341854	33.263	ng	95
63) Azobenzene	15.927	77	1514410	37.032	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	186672	32.373	ng	93
66) n-Nitrosodiphenylamine	15.851	169	1236113	39.396	ng	100
67) 4-Bromophenyl-phenylether	16.527	248	419051	41.685	ng	99
68) Hexachlorobenzene	16.645	284	468318	41.673	ng	97
69) Atrazine	16.804	200	387079	45.165	ng	97
70) Pentachlorophenol	16.986	266	561970	67.989	ng	100
71) Phenanthrene	17.380	178	2125196	38.905	ng	100
72) Anthracene	17.468	178	2114798	38.822	ng	100
73) Carbazole	17.745	167	1963976	39.503	ng	100
74) Di-n-butylphthalate	18.304	149	2350666	39.111	ng	99
75) Fluoranthene	19.392	202	2179670	37.792	ng	99
77) Benzidine	19.580	184	1441509	82.397	ng	99
78) Pyrene	19.756	202	2269033	41.220	ng	100
80) Butylbenzylphthalate	20.651	149	976653	42.160	ng	99
81) Benzo(a)anthracene	21.503	228	2076437	39.341	ng	100
82) 3,3'-Dichlorobenzidine	21.439	252	637877	39.324	ng	99
83) Chrysene	21.556	228	1979278	38.558	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1425327	42.421	ng	100
85) Di-n-octyl phthalate	22.362	149	2410662	43.326	ng	98
87) Indeno(1,2,3-cd)pyrene	26.474	276	2918138	45.489	ng	100
88) Benzo(b)fluoranthene	23.203	252	2127176	39.495	ng	100
89) Benzo(k)fluoranthene	23.256	252	2133563	38.064	ng	99
90) Benzo(a)pyrene	23.839	252	1930725	37.247	ng	100
91) Dibenzo(a,h)anthracene	26.485	278	2441302	44.937	ng	99
92) Benzo(g,h,i)perylene	27.250	276	2451369	46.120	ng	100

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

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