Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110923\
Data File : BM042683.D
Acq On : 09 Nov 2023 22:10
Operator : MA/JU
Sample : 05270-01MSD 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-3-110623MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/11/2023
Supervised By :mohammad ahmed 11/11/2023

Quant Time: Nov 09 23:55:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 13:21:00 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	49544	20.000	ng		0.00
21) Naphthalene-d8	10.663	136	188993	20.000	ng		0.00
39) Acenaphthene-d10	14.504	164	123921	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	284714	20.000	ng	#	0.00
76) Chrysene-d12	21.439	240	290485	20.000	ng	#	0.00
86) Perylene-d12	23.815	264	334626	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	55733	18.155	ng		0.00
7) Phenol-d6	7.010	99	72987	17.336	ng		0.00
23) Nitrobenzene-d5	9.045	82	53772	13.263	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	33832	20.911	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	110948	12.047	ng		0.00
79) Terphenyl-d14	19.868	244	189706	11.073	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	10590	7.238	ng	#	86
3) Pyridine	3.657	79	26589	6.335	ng	#	88
4) n-Nitrosodimethylamine	3.587	42	22527	11.154	ng	#	72
6) Aniline	7.186	93	34998	6.540	ng		98
8) 2-Chlorophenol	7.398	128	31039	9.377	ng		95
9) Benzaldehyde	7.016	77	7963	3.282	ng	#	77
10) Phenol	7.034	94	42018	9.827	ng		84
11) bis(2-Chloroethyl)ether	7.287	93	31657	8.751	ng		99
12) 1,3-Dichlorobenzene	7.722	146	34636	9.682	ng		95
13) 1,4-Dichlorobenzene	7.881	146	36328	10.034	ng		97
14) 1,2-Dichlorobenzene	8.192	146	34937	9.995	ng		96
15) Benzyl Alcohol	8.110	79	29170	9.786	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.375	45	53727	9.333	ng		97
17) 2-Methylphenol	8.292	107	26639	8.799	ng		94
18) Hexachloroethane	8.904	117	13848	9.775	ng		94
19) n-Nitroso-di-n-propyla...	8.663	70	27815	9.339	ng		93
20) 3+4-Methylphenols	8.628	107	35714	8.823	ng		95
22) Acetophenone	8.698	105	50020	10.494	ng	#	90
24) Nitrobenzene	9.086	77	42939	10.753	ng		98
25) Isophorone	9.592	82	74210	10.342	ng	#	98
26) 2-Nitrophenol	9.786	139	14634	11.504	ng	#	86
27) 2,4-Dimethylphenol	9.833	122	24438m	8.902	ng		
28) bis(2-Chloroethoxy)met...	10.086	93	40444	9.355	ng		98
29) 2,4-Dichlorophenol	10.310	162	30061	11.067	ng		97
30) 1,2,4-Trichlorobenzene	10.510	180	35173	11.816	ng		98
31) Naphthalene	10.710	128	101254	10.370	ng		99
32) Benzoic acid	9.939	122	18128m	11.535	ng		
33) 4-Chloroaniline	10.863	127	28399	7.459	ng		94
34) Hexachlorobutadiene	10.933	225	23362	12.926	ng		99
35) Caprolactam	11.669	113	8564	8.974	ng		93
36) 4-Chloro-3-methylphenol	11.963	107	31914	10.324	ng		99
37) 2-Methylnaphthalene	12.321	142	67432	9.806	ng		96
38) 1-Methylnaphthalene	12.539	142	69600m	10.753	ng		
40) 1,2,4,5-Tetrachloroben...	12.674	216	41959	11.334	ng		97
41) Hexachlorocyclopentadiene	12.616	237	2967	7.333	ng		93
43) 2,4,6-Trichlorophenol	12.933	196	25531	10.767	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.010	196	28320	10.037	ng		98
46) 1,1'-Biphenyl	13.333	154	91220	9.630	ng		98
47) 2-Chloronaphthalene	13.386	162	69636	10.021	ng		99
48) 2-Nitroaniline	13.627	65	25422	12.598	ng		95
49) Acenaphthylene	14.233	152	147564	12.822	ng		98
50) Dimethylphthalate	13.968	163	88226	9.526	ng		98
51) 2,6-Dinitrotoluene	14.115	165	18572	9.729	ng		86
52) Acenaphthene	14.563	154	72178	10.333	ng		98
53) 3-Nitroaniline	14.463	138	15164	10.793	ng		98
54) 2,4-Dinitrophenol	14.674	184	1774	8.930	ng	#	86
55) Dibenzofuran	14.898	168	119445	10.518	ng		96
56) 4-Nitrophenol	14.757	139	22181	18.630	ng	#	75
57) 2,4-Dinitrotoluene	14.904	165	24137	11.625	ng	#	85
58) Fluorene	15.551	166	103505	11.264	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.121	232	26864	11.303	ng		95
60) Diethylphthalate	15.315	149	89613	9.550	ng		97
61) 4-Chlorophenyl-phenyle...	15.545	204	46161	9.944	ng		96
62) 4-Nitroaniline	15.621	138	14332	12.339	ng	#	77
63) Azobenzene	15.833	77	104680	10.124	ng		90
65) 4,6-Dinitro-2-methylph...	15.657	198	2048	6.818	ng	#	76
66) n-Nitrosodiphenylamine	15.768	169	74337	9.260	ng		98
67) 4-Bromophenyl-phenylether	16.439	248	29483	10.356	ng		95
68) Hexachlorobenzene	16.521	284	34141	10.840	ng		95
69) Atrazine	16.715	200	30713	13.240	ng		97
70) Pentachlorophenol	16.886	266	41508	17.926	ng		98
71) Phenanthrene	17.298	178	266386	17.904	ng		100
72) Anthracene	17.386	178	190159	12.903	ng		99
73) Carbazole	17.680	167	137349	11.456	ng		99
74) Di-n-butylphthalate	18.198	149	164844	9.791	ng		98
75) Fluoranthene	19.309	202	540293	30.913	ng		98
77) Benzidine	19.527	184	53521	19.208	ng		97
78) Pyrene	19.680	202	516188	25.878	ng		99
80) Butylbenzylphthalate	20.562	149	81095	9.519	ng		99
81) Benzo(a)anthracene	21.421	228	375920	20.340	ng		99
82) 3,3'-Dichlorobenzidine	21.368	252	65479	11.147	ng		99
83) Chrysene	21.474	228	346907	18.478	ng		98
84) Bis(2-ethylhexyl)phtha...	21.303	149	120775	9.380	ng		96
85) Di-n-octyl phthalate	22.221	149	209115	9.436	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.297	276	311208	15.626	ng	#	92
88) Benzo(b)fluoranthene	23.080	252	403925	21.667	ng		98
89) Benzo(k)fluoranthene	23.127	252	269337	12.965	ng	#	98
90) Benzo(a)pyrene	23.709	252	323855	17.645	ng		98
91) Dibenzo(a,h)anthracene	26.309	278	193718	13.766	ng		97
92) Benzo(g,h,i)perylene	27.068	276	268689	15.307	ng	#	94

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

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