Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041891.D
Acq On : 18 Sep 2023 12:02
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Quant Time: Sep 18 15:26:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 15:23:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	318217	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1411288	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	938027	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	2037606	20.000	ng		0.00
76) Chrysene-d12	21.544	240	1827859	20.000	ng		0.00
86) Perylene-d12	23.962	264	1906427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	363204	18.961	ng		0.00
7) Phenol-d6	7.104	99	502003	19.189	ng		0.00
23) Nitrobenzene-d5	9.157	82	523929	17.720	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	217642	14.941	ng		0.00
45) 2-Fluorobiphenyl	13.227	172	1246995	17.941	ng		0.00
79) Terphenyl-d14	19.974	244	1936104	18.640	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	75867	9.350	ng		98
3) Pyridine	3.822	79	227412	10.386	ng		99
4) n-Nitrosodimethylamine	3.746	42	108111	10.605	ng	#	98
6) Aniline	7.304	93	327075	10.363	ng		99
8) 2-Chlorophenol	7.522	128	200631	9.988	ng		98
9) Benzaldehyde	7.128	77	171026	11.717	ng		99
10) Phenol	7.134	94	255063	10.017	ng		100
11) bis(2-Chloroethyl)ether	7.398	93	214536	10.426	ng		98
12) 1,3-Dichlorobenzene	7.845	146	215213	9.695	ng		99
13) 1,4-Dichlorobenzene	8.004	146	218749	9.753	ng		98
14) 1,2-Dichlorobenzene	8.316	146	213227	9.859	ng		100
15) Benzyl Alcohol	8.216	79	190928	10.160	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	330681	12.820	ng		98
17) 2-Methylphenol	8.392	107	186021	10.159	ng		98
18) Hexachloroethane	9.033	117	82964	9.729	ng		98
19) n-Nitroso-di-n-propyla...	8.775	70	191112	10.488	ng		99
20) 3+4-Methylphenols	8.722	107	255068	10.125	ng		98
22) Acetophenone	8.810	105	335290	9.159	ng	#	99
24) Nitrobenzene	9.198	77	256690	8.706	ng		99
25) Isophorone	9.710	82	512224	9.405	ng		99
26) 2-Nitrophenol	9.904	139	109768	8.517	ng		97
27) 2,4-Dimethylphenol	9.933	122	208572	9.912	ng		97
28) bis(2-Chloroethoxy)met...	10.192	93	304920	9.592	ng		99
29) 2,4-Dichlorophenol	10.416	162	200649	8.835	ng		99
30) 1,2,4-Trichlorobenzene	10.633	180	209353	8.383	ng		97
31) Naphthalene	10.833	128	679414	9.245	ng		99
32) Benzoic acid	10.016	122	150112	8.858	ng		99
33) 4-Chloroaniline	10.963	127	298782	9.581	ng		99
34) Hexachlorobutadiene	11.063	225	126103	7.706	ng		98
35) Caprolactam	11.769	113	72057	10.019	ng		98
36) 4-Chloro-3-methylphenol	12.051	107	224334	9.231	ng		99
37) 2-Methylnaphthalene	12.439	142	506082	9.452	ng		99
38) 1-Methylnaphthalene	12.657	142	474257	9.389	ng		99
40) 1,2,4,5-Tetrachloroben...	12.786	216	247136	8.155	ng		99
41) Hexachlorocyclopentadiene	12.739	237	127091	8.815	ng		100
43) 2,4,6-Trichlorophenol	13.039	196	166861	8.218	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	196141	8.325	ng	99
46) 1,1'-Biphenyl	13.445	154	661135	9.319	ng	99
47) 2-Chloronaphthalene	13.498	162	475454	8.777	ng	99
48) 2-Nitroaniline	13.721	65	158693	8.896	ng	99
49) Acenaphthylene	14.345	152	806130	9.159	ng	99
50) Dimethylphthalate	14.068	163	659484	9.012	ng	99
51) 2,6-Dinitrotoluene	14.210	165	134861	8.625	ng	97
52) Acenaphthene	14.680	154	481453	9.140	ng	99
53) 3-Nitroaniline	14.551	138	147431	9.308	ng	100
54) 2,4-Dinitrophenol	14.751	184	69383	7.101	ng	99
55) Dibenzofuran	15.009	168	797188	9.071	ng	99
56) 4-Nitrophenol	14.827	139	118131	9.784	ng	96
57) 2,4-Dinitrotoluene	14.992	165	177304	8.305	ng	98
58) Fluorene	15.662	166	630500	8.968	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	165085	8.279	ng	97
60) Diethylphthalate	15.421	149	668223	9.149	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	317772	8.394	ng	98
62) 4-Nitroaniline	15.709	138	143634	9.877	ng	98
63) Azobenzene	15.945	77	676064	9.207	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	100376	7.771	ng	98
66) n-Nitrosodiphenylamine	15.874	169	556945	9.307	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	194654	8.407	ng	99
68) Hexachlorobenzene	16.633	284	206291	8.198	ng	95
69) Atrazine	16.815	200	178496	10.426	ng	100
70) Pentachlorophenol	16.992	266	149768	8.419	ng	99
71) Phenanthrene	17.409	178	986844	9.215	ng	99
72) Anthracene	17.498	178	999156	9.186	ng	99
73) Carbazole	17.780	167	916362	9.434	ng	99
74) Di-n-butylphthalate	18.303	149	1163306	9.487	ng	100
75) Fluoranthene	19.421	202	1128336	8.833	ng	99
77) Benzidine	19.621	184	412185	17.838	ng	99
78) Pyrene	19.786	202	1172708	9.045	ng	99
80) Butylbenzylphthalate	20.656	149	520070	9.817	ng	98
81) Benzo(a)anthracene	21.527	228	1101785	8.831	ng	98
82) 3,3'-Dichlorobenzidine	21.462	252	398092	9.743	ng	99
83) Chrysene	21.580	228	1044192	8.810	ng	99
84) Bis(2-ethylhexyl)phtha...	21.403	149	785985	10.316	ng	99
85) Di-n-octyl phthalate	22.333	149	1324671	10.487	ng	100
87) Indeno(1,2,3-cd)pyrene	26.468	276	1082529	8.770	ng	99
88) Benzo(b)fluoranthene	23.215	252	1012250	8.901	ng	100
89) Benzo(k)fluoranthene	23.262	252	1015809	8.850	ng	99
90) Benzo(a)pyrene	23.850	252	964273	8.900	ng	99
91) Dibenzo(a,h)anthracene	26.485	278	894757	8.612	ng	99
92) Benzo(g,h,i)perylene	27.250	276	865671	8.670	ng	98

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

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