Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102123\
Data File : BM042384.D
Acq On : 20 Oct 2023 19:01
Operator : MA/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Oct 21 02:20:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 21 02:15:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.998	152	109431	20.000	ng		0.00
21) Naphthalene-d8	10.822	136	462001	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	250920	20.000	ng		0.00
64) Phenanthrene-d10	17.398	188	497081	20.000	ng		0.00
76) Chrysene-d12	21.580	240	420863	20.000	ng		0.00
86) Perylene-d12	24.044	264	458605	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	74217	9.585	ng		0.00
7) Phenol-d6	7.146	99	95996	9.251	ng		0.00
23) Nitrobenzene-d5	9.192	82	91190	8.728	ng		0.00
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng		
45) 2-Fluorobiphenyl	13.263	172	169702	9.107	ng		0.00
79) Terphenyl-d14	20.009	244	197807	8.335	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	19291	5.291	ng		96
3) Pyridine	3.816	79	52287	4.887	ng	#	86
4) n-Nitrosodimethylamine	3.740	42	25932	4.801	ng	#	97
6) Aniline	7.334	93	60691	4.594	ng		100
8) 2-Chlorophenol	7.551	128	35904	4.673	ng		98
9) Benzaldehyde	7.157	77	35561	5.884	ng		96
10) Phenol	7.175	94	50017	4.665	ng		99
11) bis(2-Chloroethyl)ether	7.434	93	42865	4.869	ng		99
12) 1,3-Dichlorobenzene	7.881	146	39070	4.916	ng		98
13) 1,4-Dichlorobenzene	8.034	146	39015	4.877	ng		99
14) 1,2-Dichlorobenzene	8.345	146	37980	4.945	ng		98
15) Benzyl Alcohol	8.257	79	33411	4.344	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.528	45	67611	4.854	ng		97
17) 2-Methylphenol	8.440	107	31399	4.438	ng		98
18) Hexachloroethane	9.063	117	14471	4.699	ng		93
19) n-Nitroso-di-n-propyla...	8.810	70	31848	4.528	ng		95
20) 3+4-Methylphenols	8.769	107	41121	4.333	ng		96
22) Acetophenone	8.845	105	58382	4.632	ng	#	84
24) Nitrobenzene	9.239	77	46535	4.452	ng		97
25) Isophorone	9.745	82	73829	4.158	ng		99
26) 2-Nitrophenol	9.945	139	13587	5.894	ng		91
27) 2,4-Dimethylphenol	9.981	122	30743	4.269	ng		98
28) bis(2-Chloroethoxy)met...	10.239	93	51446	4.573	ng		99
29) 2,4-Dichlorophenol	10.463	162	25824	4.123	ng		93
30) 1,2,4-Trichlorobenzene	10.675	180	31447	4.684	ng		97
31) Naphthalene	10.875	128	111168	4.685	ng		99
33) 4-Chloroaniline	11.010	127	44607	4.330	ng		98
34) Hexachlorobutadiene	11.104	225	16467	4.532	ng		97
36) 4-Chloro-3-methylphenol	12.104	107	30808	4.076	ng		98
37) 2-Methylnaphthalene	12.475	142	72968	4.568	ng		95
38) 1-Methylnaphthalene	12.692	142	68816	4.598	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	31540	4.348	ng		99
43) 2,4,6-Trichlorophenol	13.075	196	17863	3.804	ng		99
44) 2,4,5-Trichlorophenol	13.145	196	21872	3.940	ng		98
46) 1,1'-Biphenyl	13.480	154	91509	4.597	ng		98
47) 2-Chloronaphthalene	13.527	162	66756	4.571	ng		98

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48) 2-Nitroaniline	13.763	65	19372	6.415	ng		100
49) Acenaphthylene	14.374	152	99421	4.217	ng		99
50) Dimethylphthalate	14.104	163	83367	4.530	ng		99
51) 2,6-Dinitrotoluene	14.251	165	13668	5.978	ng		97
52) Acenaphthene	14.710	154	64809	4.547	ng		98
53) 3-Nitroaniline	14.592	138	14558	6.019	ng		88
55) Dibenzofuran	15.045	168	102483	4.546	ng		99
57) 2,4-Dinitrotoluene	15.033	165	15337	6.589	ng	#	80
58) Fluorene	15.692	166	78186	4.395	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.257	232	16006	3.838	ng		98
60) Diethylphthalate	15.451	149	77754	4.281	ng		97
61) 4-Chlorophenyl-phenyle...	15.680	204	35487	4.236	ng		95
62) 4-Nitroaniline	15.751	138	12415	6.219	ng		93
63) Azobenzene	15.974	77	83425	3.828	ng		92
66) n-Nitrosodiphenylamine	15.904	169	63371	4.233	ng		98
67) 4-Bromophenyl-phenylether	16.580	248	18421	3.998	ng		95
68) Hexachlorobenzene	16.663	284	21344	4.334	ng		99
69) Atrazine	16.851	200	15521	4.088	ng		99
71) Phenanthrene	17.439	178	122451	4.528	ng		99
72) Anthracene	17.527	178	111089	4.148	ng		97
73) Carbazole	17.815	167	104414	4.156	ng		100
74) Di-n-butylphthalate	18.339	149	108193	6.019	ng		99
75) Fluoranthene	19.451	202	119211	4.003	ng		97
77) Benzidine	19.662	184	35546	5.839	ng		98
78) Pyrene	19.815	202	127590	4.338	ng		99
80) Butylbenzylphthalate	20.698	149	42549	6.233	ng		94
81) Benzo(a)anthracene	21.562	228	121615	4.310	ng		98
82) 3,3'-Dichlorobenzidine	21.503	252	33030	3.922	ng		99
83) Chrysene	21.615	228	122295	4.513	ng		99
84) Bis(2-ethylhexyl)phtha...	21.445	149	57762	6.202	ng		99
87) Indeno(1,2,3-cd)pyrene	26.632	276	139135	4.151	ng		96
88) Benzo(b)fluoranthene	23.280	252	111261	4.031	ng	#	96
89) Benzo(k)fluoranthene	23.333	252	120386	4.201	ng		97
90) Benzo(a)pyrene	23.933	252	104912	3.949	ng	#	96
91) Dibenzo(a,h)anthracene	26.650	278	115035	4.128	ng	#	95
92) Benzo(g,h,i)perylene	27.444	276	115258	4.259	ng		98

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

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