Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046688.D
Acq On : 18 Jul 2024 03:52
Operator : MA/JU
Sample : SSTDICC050
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Quant Time: Jul 18 05:56:18 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 18 05:50:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	94380	20.000	ng	0.00
21) Naphthalene-d8	10.251	136	346006	20.000	ng	0.00
39) Acenaphthene-d10	14.139	164	267761	20.000	ng	0.00
64) Phenanthrene-d10	16.892	188	633249	20.000	ng	0.00
76) Chrysene-d12	21.121	240	575949	20.000	ng	0.00
86) Perylene-d12	23.886	264	637428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	445845	95.951	ng	0.00
7) Phenol-d6	6.693	99	565395	95.557	ng	0.00
23) Nitrobenzene-d5	8.634	82	656365	98.491	ng	0.00
42) 2,4,6-Tribromophenol	15.639	330	418774	100.831	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1872486	98.780	ng	0.00
79) Terphenyl-d14	19.545	244	3219359	101.083	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	66987	47.501	ng	99
3) Pyridine	3.510	79	200860	48.468	ng	97
4) n-Nitrosodimethylamine	3.428	42	148280	48.434	ng	99
6) Aniline	6.834	93	244746	47.860	ng	97
8) 2-Chlorophenol	7.069	128	247294	47.546	ng	98
9) Benzaldehyde	6.645	77	169680	46.979	ng	99
10) Phenol	6.722	94	273300	47.530	ng	94
11) bis(2-Chloroethyl)ether	6.934	93	200270	46.880	ng	96
12) 1,3-Dichlorobenzene	7.381	146	327739	47.710	ng	99
13) 1,4-Dichlorobenzene	7.522	146	334094	47.888	ng	99
14) 1,2-Dichlorobenzene	7.834	146	314616	47.337	ng	99
15) Benzyl Alcohol	7.734	79	232641	48.275	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.022	45	212058	47.485	ng	98
17) 2-Methylphenol	7.945	107	197040	48.111	ng	96
18) Hexachloroethane	8.551	117	123329	48.679	ng	97
19) n-Nitroso-di-n-propyla...	8.298	70	183653	49.169	ng	98
20) 3+4-Methylphenols	8.269	107	275419	48.948	ng	98
22) Acetophenone	8.304	105	388652	48.848	ng	99
24) Nitrobenzene	8.675	77	320869	49.102	ng	97
25) Isophorone	9.204	82	501175	50.003	ng	99
26) 2-Nitrophenol	9.375	139	154938	49.498	ng	97
27) 2,4-Dimethylphenol	9.457	122	170298	50.108	ng	99
28) bis(2-Chloroethoxy)met...	9.686	93	279470	48.912	ng	99
29) 2,4-Dichlorophenol	9.910	162	302040	49.478	ng	100
30) 1,2,4-Trichlorobenzene	10.122	180	367206	49.102	ng	98
31) Naphthalene	10.298	128	845438	49.186	ng	100
32) Benzoic acid	9.628	122	215705	52.078	ng	93
33) 4-Chloroaniline	10.416	127	318277	49.697	ng	98
34) Hexachlorobutadiene	10.592	225	246153	48.657	ng	98
35) Caprolactam	11.222	113	81710	50.540	ng	97
36) 4-Chloro-3-methylphenol	11.563	107	281435	49.968	ng	99
37) 2-Methylnaphthalene	11.927	142	650614	49.845	ng	98
38) 1-Methylnaphthalene	12.145	142	642087	50.076	ng	99
40) 1,2,4,5-Tetrachloroben...	12.304	216	425112	48.822	ng	100
41) Hexachlorocyclopentadiene	12.286	237	118904	55.814	ng	97
43) 2,4,6-Trichlorophenol	12.557	196	283132	49.399	ng	96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	315005	49.292	ng		95
46) 1,1'-Biphenyl	12.963	154	919411	49.354	ng		99
47) 2-Chloronaphthalene	12.998	162	745357	48.392	ng		98
48) 2-Nitroaniline	13.210	65	203567	50.373	ng		98
49) Acenaphthylene	13.857	152	1056083	49.354	ng		99
50) Dimethylphthalate	13.610	163	913923	49.354	ng		98
51) 2,6-Dinitrotoluene	13.721	165	215793	50.411	ng		95
52) Acenaphthene	14.204	154	684892	49.912	ng		100
53) 3-Nitroaniline	14.051	138	193565	49.961	ng		98
54) 2,4-Dinitrophenol	14.263	184	115108	48.382	ng		98
55) Dibenzofuran	14.539	168	1140935	49.126	ng		99
56) 4-Nitrophenol	14.386	139	172823	51.403	ng		95
57) 2,4-Dinitrotoluene	14.516	165	315610	50.912	ng	#	97
58) Fluorene	15.192	166	993793	50.067	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.774	232	292366	49.674	ng		100
60) Diethylphthalate	14.992	149	953589	49.918	ng		99
61) 4-Chlorophenyl-phenyle...	15.198	204	530349	49.680	ng		99
62) 4-Nitroaniline	15.227	138	219167	50.172	ng		97
63) Azobenzene	15.492	77	776181	50.043	ng		99
65) 4,6-Dinitro-2-methylph...	15.286	198	172879	52.538	ng		96
66) n-Nitrosodiphenylamine	15.415	169	815606	49.665	ng		98
67) 4-Bromophenyl-phenylether	16.092	248	360707	50.438	ng		99
68) Hexachlorobenzene	16.198	284	429015	49.669	ng		99
69) Atrazine	16.386	200	285204	49.479	ng		95
70) Pentachlorophenol	16.551	266	308621	50.362	ng		97
71) Phenanthrene	16.933	178	1562022	49.671	ng		99
72) Anthracene	17.021	178	1546548	49.707	ng		99
73) Carbazole	17.298	167	1456565	49.472	ng		99
74) Di-n-butylphthalate	17.886	149	1655259	50.285	ng		99
75) Fluoranthene	18.962	202	2009036	49.716	ng		99
77) Benzidine	19.156	184	547351	47.493	ng		99
78) Pyrene	19.321	202	2054745	50.114	ng		100
80) Butylbenzylphthalate	20.256	149	751688	50.754	ng		99
81) Benzo(a)anthracene	21.103	228	1874587	49.185	ng		99
82) 3,3'-Dichlorobenzidine	21.039	252	664634	50.179	ng		100
83) Chrysene	21.162	228	1758733	49.493	ng		100
84) Bis(2-ethylhexyl)phtha...	21.062	149	975788	49.403	ng		99
85) Di-n-octyl phthalate	22.121	149	1663688	49.972	ng		100
87) Indeno(1,2,3-cd)pyrene	26.974	276	2007950	48.621	ng	#	98
88) Benzo(b)fluoranthene	23.021	252	1951392	49.721	ng		99
89) Benzo(k)fluoranthene	23.080	252	1837913	49.615	ng		98
90) Benzo(a)pyrene	23.756	252	1674577	49.322	ng		99
91) Dibenzo(a,h)anthracene	27.026	278	1674319	48.846	ng		98
92) Benzo(g,h,i)perylene	27.938	276	1737823	49.131	ng		98

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

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