Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081024\
Data File : BM047141.D
Acq On : 10 Aug 2024 13:52
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Quant Time: Aug 11 23:31:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 23:24:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.375	152	231587	20.000	ng		0.00
21) Naphthalene-d8	10.128	136	953129	20.000	ng		0.00
39) Acenaphthene-d10	14.027	164	629995	20.000	ng		0.00
64) Phenanthrene-d10	16.792	188	1336137	20.000	ng		0.00
76) Chrysene-d12	21.027	240	1301329	20.000	ng		0.00
86) Perylene-d12	23.727	264	1576050	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.022	112	140661	10.853	ng		0.00
7) Phenol-d6	6.581	99	190264	10.654	ng		0.00
23) Nitrobenzene-d5	8.516	82	201738	10.658	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	70075	9.593	ng		0.00
45) 2-Fluorobiphenyl	12.639	172	442999	10.847	ng		0.00
79) Terphenyl-d14	19.456	244	601320	9.901	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.040	88	30031	5.592	ng		99
3) Pyridine	3.416	79	83824	5.327	ng		96
4) n-Nitrosodimethylamine	3.334	42	37222	5.410	ng	#	94
6) Aniline	6.722	93	89509	5.303	ng		99
8) 2-Chlorophenol	6.945	128	75622	5.350	ng		95
9) Benzaldehyde	6.540	77	68748	5.019	ng		96
10) Phenol	6.604	94	98125	5.506	ng		99
11) bis(2-Chloroethyl)ether	6.822	93	82870	5.430	ng		95
12) 1,3-Dichlorobenzene	7.263	146	90719	5.401	ng		97
13) 1,4-Dichlorobenzene	7.410	146	91512	5.381	ng		98
14) 1,2-Dichlorobenzene	7.716	146	88355	5.506	ng		96
15) Benzyl Alcohol	7.622	79	62692	4.932	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.904	45	110215	5.622	ng		98
17) 2-Methylphenol	7.834	107	61615	5.183	ng		95
18) Hexachloroethane	8.428	117	35243	5.350	ng		89
19) n-Nitroso-di-n-propyla...	8.181	70	67704	5.628	ng		100
20) 3+4-Methylphenols	8.157	107	84662	5.094	ng		99
22) Acetophenone	8.192	105	130329	5.665	ng		98
24) Nitrobenzene	8.557	77	101289	5.314	ng		97
25) Isophorone	9.086	82	169727	5.150	ng		100
26) 2-Nitrophenol	9.263	139	37222	4.410	ng	#	88
27) 2,4-Dimethylphenol	9.339	122	47540	4.808	ng		99
28) bis(2-Chloroethoxy)met...	9.575	93	109875	5.298	ng		99
29) 2,4-Dichlorophenol	9.798	162	68962	4.700	ng		99
30) 1,2,4-Trichlorobenzene	9.998	180	85165	5.129	ng		96
31) Naphthalene	10.181	128	256168	5.395	ng		99
32) Benzoic acid	9.439	122	43353m	3.753	ng		
33) 4-Chloroaniline	10.304	127	90992	4.983	ng		97
34) Hexachlorobutadiene	10.469	225	47407	4.878	ng		97
35) Caprolactam	11.086	113	23316	4.576	ng		95
36) 4-Chloro-3-methylphenol	11.451	107	76286	4.882	ng		95
37) 2-Methylnaphthalene	11.804	142	176480	5.220	ng		99
38) 1-Methylnaphthalene	12.027	142	175570	5.255	ng		97
40) 1,2,4,5-Tetrachloroben...	12.186	216	84909	4.941	ng		99
41) Hexachlorocyclopentadiene	12.163	237	25169	4.195	ng		97
43) 2,4,6-Trichlorophenol	12.445	196	55962	4.582	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.522	196	64621	4.765	ng	97
46) 1,1'-Biphenyl	12.851	154	242201	5.400	ng	98
47) 2-Chloronaphthalene	12.886	162	188590	5.380	ng	98
48) 2-Nitroaniline	13.110	65	50873	4.632	ng	91
49) Acenaphthylene	13.745	152	270677	5.238	ng	99
50) Dimethylphthalate	13.504	163	231786	5.268	ng	100
51) 2,6-Dinitrotoluene	13.621	165	49002	4.764	ng	96
52) Acenaphthene	14.092	154	175534	5.355	ng	99
53) 3-Nitroaniline	13.951	138	48787	4.734	ng	99
55) Dibenzofuran	14.433	168	281866	5.444	ng	99
56) 4-Nitrophenol	14.292	139	38873	4.374	ng	93
57) 2,4-Dinitrotoluene	14.421	165	63007	4.589	ng	88
58) Fluorene	15.092	166	231431	5.418	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.674	232	52488	4.710	ng	94
60) Diethylphthalate	14.892	149	236973	5.274	ng	99
61) 4-Chlorophenyl-phenyle...	15.098	204	107266	5.274	ng	98
62) 4-Nitroaniline	15.127	138	47275m	4.656	ng	
63) Azobenzene	15.392	77	229119	5.378	ng	99
65) 4,6-Dinitro-2-methylph...	15.192	198	30637	3.916	ng	93
66) n-Nitrosodiphenylamine	15.315	169	190365	5.231	ng	99
67) 4-Bromophenyl-phenylether	15.992	248	63559	4.937	ng	94
68) Hexachlorobenzene	16.098	284	78852	5.114	ng	98
69) Atrazine	16.286	200	60979	5.568	ng	98
70) Pentachlorophenol	16.451	266	47145	4.362	ng	97
71) Phenanthrene	16.833	178	363970	5.428	ng	99
72) Anthracene	16.921	178	342081	5.243	ng	99
73) Carbazole	17.204	167	357631	5.368	ng	99
74) Di-n-butylphthalate	17.792	149	392569	5.064	ng	98
75) Fluoranthene	18.868	202	432338	5.301	ng	98
77) Benzidine	19.074	184	73589	3.335	ng	96
78) Pyrene	19.233	202	473702	5.098	ng	99
80) Butylbenzylphthalate	20.174	149	166134	4.381	ng	97
81) Benzo(a)anthracene	21.009	228	452360	5.236	ng	98
82) 3,3'-Dichlorobenzidine	20.950	252	121454	4.493	ng	100
83) Chrysene	21.062	228	439298	5.360	ng	98
84) Bis(2-ethylhexyl)phtha...	20.974	149	250857	4.665	ng	99
85) Di-n-octyl phthalate	22.003	149	394399	4.315	ng	97
87) Indeno(1,2,3-cd)pyrene	26.715	276	522557	5.130	ng	99
88) Benzo(b)fluoranthene	22.880	252	465640	4.975	ng	99
89) Benzo(k)fluoranthene	22.933	252	469757	5.314	ng	99
90) Benzo(a)pyrene	23.597	252	399615	4.929	ng	98
91) Dibenzo(a,h)anthracene	26.762	278	431713	5.237	ng	98
92) Benzo(g,h,i)perylene	27.632	276	440920	5.151	ng	97

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

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