Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046686.D
Acq On : 18 Jul 2024 02:32
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Quant Time: Jul 18 05:53:59 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	100141	20.000	ng	0.00
21) Naphthalene-d8	10.251	136	370735	20.000	ng	0.00
39) Acenaphthene-d10	14.139	164	277697	20.000	ng	0.00
64) Phenanthrene-d10	16.892	188	656088	20.000	ng	0.00
76) Chrysene-d12	21.121	240	624011	20.000	ng	0.00
86) Perylene-d12	23.886	264	693308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.134	112	200574	40.682	ng	0.00
7) Phenol-d6	6.687	99	253305	40.348	ng	0.00
23) Nitrobenzene-d5	8.634	82	289383	40.527	ng	0.00
42) 2,4,6-Tribromophenol	15.639	330	172372	40.018	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	802281	40.809	ng	0.00
79) Terphenyl-d14	19.545	244	1380441	40.006	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	30789	20.577	ng	97
3) Pyridine	3.516	79	85392	19.420	ng	98
4) n-Nitrosodimethylamine	3.428	42	64565	19.876	ng	97
6) Aniline	6.828	93	111662	20.579	ng	96
8) 2-Chlorophenol	7.063	128	112245	20.339	ng	97
9) Benzaldehyde	6.646	77	84861	22.144	ng	98
10) Phenol	6.716	94	122958	20.153	ng	96
11) bis(2-Chloroethyl)ether	6.934	93	91914	20.278	ng	97
12) 1,3-Dichlorobenzene	7.381	146	148285	20.345	ng	98
13) 1,4-Dichlorobenzene	7.522	146	152520	20.604	ng	98
14) 1,2-Dichlorobenzene	7.834	146	142896	20.263	ng	97
15) Benzyl Alcohol	7.734	79	102695	20.084	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.022	45	96562	20.379	ng	93
17) 2-Methylphenol	7.945	107	88158	20.287	ng	92
18) Hexachloroethane	8.551	117	55255	20.555	ng	98
19) n-Nitroso-di-n-propyla...	8.292	70	79538	20.069	ng	98
20) 3+4-Methylphenols	8.269	107	121596	20.367	ng	98
22) Acetophenone	8.304	105	173193	20.316	ng	99
24) Nitrobenzene	8.675	77	142850	20.402	ng	99
25) Isophorone	9.198	82	213213	19.854	ng	99
26) 2-Nitrophenol	9.375	139	67606	20.158	ng	96
27) 2,4-Dimethylphenol	9.457	122	71480	19.629	ng	95
28) bis(2-Chloroethoxy)met...	9.687	93	124884	20.399	ng	100
29) 2,4-Dichlorophenol	9.910	162	132456	20.251	ng	98
30) 1,2,4-Trichlorobenzene	10.116	180	165542	20.660	ng	99
31) Naphthalene	10.298	128	371535	20.173	ng	100
32) Benzoic acid	9.581	122	88630	19.971	ng	92
33) 4-Chloroaniline	10.416	127	137621	20.055	ng	98
34) Hexachlorobutadiene	10.592	225	112537	20.762	ng	94
35) Caprolactam	11.204	113	34608	19.978	ng	94
36) 4-Chloro-3-methylphenol	11.563	107	119896	19.867	ng	97
37) 2-Methylnaphthalene	11.922	142	284041	20.310	ng	99
38) 1-Methylnaphthalene	12.145	142	276289	20.110	ng	99
40) 1,2,4,5-Tetrachloroben...	12.304	216	186693	20.674	ng	99
41) Hexachlorocyclopentadiene	12.280	237	44470	20.127	ng	97
43) 2,4,6-Trichlorophenol	12.557	196	121866	20.502	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.627	196	135724	20.478	ng		98
46) 1,1'-Biphenyl	12.963	154	398988	20.651	ng		99
47) 2-Chloronaphthalene	12.998	162	328353	20.556	ng		99
48) 2-Nitroaniline	13.210	65	83656	19.960	ng		95
49) Acenaphthylene	13.851	152	451134	20.328	ng		99
50) Dimethylphthalate	13.610	163	391250	20.372	ng		98
51) 2,6-Dinitrotoluene	13.722	165	92473	20.830	ng		96
52) Acenaphthene	14.198	154	290980	20.447	ng		99
53) 3-Nitroaniline	14.051	138	83064	20.673	ng		95
54) 2,4-Dinitrophenol	14.257	184	40987	20.135	ng		97
55) Dibenzofuran	14.539	168	492004	20.426	ng		98
56) 4-Nitrophenol	14.380	139	71875	20.613	ng		97
57) 2,4-Dinitrotoluene	14.516	165	131544	20.460	ng		94
58) Fluorene	15.192	166	409998	19.916	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.774	232	125577	20.573	ng		99
60) Diethylphthalate	14.992	149	397406	20.059	ng		100
61) 4-Chlorophenyl-phenyle...	15.198	204	224780	20.303	ng		98
62) 4-Nitroaniline	15.216	138	91765	20.255	ng		98
63) Azobenzene	15.492	77	331108	20.584	ng		99
65) 4,6-Dinitro-2-methylph...	15.280	198	66116	19.393	ng		97
66) n-Nitrosodiphenylamine	15.416	169	343665	20.198	ng		97
67) 4-Bromophenyl-phenylether	16.092	248	150140	20.263	ng		98
68) Hexachlorobenzene	16.198	284	180736	20.196	ng		98
69) Atrazine	16.380	200	134397	22.505	ng		97
70) Pentachlorophenol	16.545	266	129861	20.454	ng		96
71) Phenanthrene	16.933	178	670432	20.577	ng		99
72) Anthracene	17.021	178	656765	20.374	ng		99
73) Carbazole	17.298	167	627991	20.587	ng		98
74) Di-n-butylphthalate	17.886	149	699260	20.503	ng		99
75) Fluoranthene	18.962	202	869514	20.768	ng		100
77) Benzidine	19.156	184	270844	21.691	ng		99
78) Pyrene	19.321	202	894077	20.126	ng		100
80) Butylbenzylphthalate	20.256	149	323683	20.172	ng		100
81) Benzo(a)anthracene	21.103	228	832084	20.150	ng		99
82) 3,3'-Dichlorobenzidine	21.039	252	292057	20.351	ng		98
83) Chrysene	21.162	228	775823	20.151	ng		99
84) Bis(2-ethylhexyl)phtha...	21.062	149	443044	20.703	ng		99
85) Di-n-octyl phthalate	22.121	149	743759	20.620	ng		99
87) Indeno(1,2,3-cd)pyrene	26.962	276	904942	20.146	ng	#	98
88) Benzo(b)fluoranthene	23.021	252	868585	20.348	ng		99
89) Benzo(k)fluoranthene	23.080	252	801880	19.902	ng		99
90) Benzo(a)pyrene	23.756	252	740257	20.046	ng		98
91) Dibenzo(a,h)anthracene	27.021	278	750525	20.131	ng		99
92) Benzo(g,h,i)perylene	27.921	276	768153	19.967	ng		99

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

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