Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071724\
Data File : BM046691.D
Acq On : 18 Jul 2024 06:31
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM071724

Quant Time: Jul 18 07:05:34 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 06:01:46 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.487	152	95183	20.000	ng	0.00
21) Naphthalene-d8	10.251	136	351202	20.000	ng	0.00
39) Acenaphthene-d10	14.133	164	266010	20.000	ng	0.00
64) Phenanthrene-d10	16.886	188	621602	20.000	ng	# 0.00
76) Chrysene-d12	21.121	240	597770	20.000	ng	0.00
86) Perylene-d12	23.880	264	680680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.128	112	369634	78.878	ng	0.00
7) Phenol-d6	6.693	99	475472	79.681	ng	0.00
23) Nitrobenzene-d5	8.634	82	544598	80.510	ng	0.00
42) 2,4,6-Tribromophenol	15.633	330	329297	79.809	ng	0.00
45) 2-Fluorobiphenyl	12.751	172	1506552	79.999	ng	0.00
79) Terphenyl-d14	19.545	244	2564041	77.569	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	57024	40.095	ng	99
3) Pyridine	3.510	79	171204	41.073	ng	95
4) n-Nitrosodimethylamine	3.422	42	123089	39.866	ng	97
6) Aniline	6.834	93	208085	40.348	ng	98
8) 2-Chlorophenol	7.063	128	206795	39.424	ng	98
9) Benzaldehyde	6.646	77	142421	39.099	ng	96
10) Phenol	6.716	94	228277	39.365	ng	96
11) bis(2-Chloroethyl)ether	6.934	93	168028	39.001	ng	98
12) 1,3-Dichlorobenzene	7.375	146	267373	38.594	ng	97
13) 1,4-Dichlorobenzene	7.522	146	273661	38.895	ng	96
14) 1,2-Dichlorobenzene	7.834	146	262173	39.114	ng	98
15) Benzyl Alcohol	7.734	79	194096	39.937	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.028	45	173786	38.587	ng	99
17) 2-Methylphenol	7.940	107	164820	39.904	ng	97
18) Hexachloroethane	8.545	117	101948	39.901	ng	90
19) n-Nitroso-di-n-propyla...	8.298	70	149292	39.632	ng	99
20) 3+4-Methylphenols	8.269	107	228273	40.227	ng	96
22) Acetophenone	8.304	105	324350	40.163	ng	100
24) Nitrobenzene	8.675	77	261149	39.372	ng	99
25) Isophorone	9.204	82	410778	40.378	ng	98
26) 2-Nitrophenol	9.375	139	128673	40.499	ng	95
27) 2,4-Dimethylphenol	9.457	122	138335	40.101	ng	100
28) bis(2-Chloroethoxy)met...	9.687	93	225106	38.814	ng	99
29) 2,4-Dichlorophenol	9.910	162	246588	39.797	ng	99
30) 1,2,4-Trichlorobenzene	10.116	180	295666	38.951	ng	99
31) Naphthalene	10.298	128	700816	40.169	ng	99
32) Benzoic acid	9.610	122	170111	40.486	ng	93
33) 4-Chloroaniline	10.416	127	263067	40.469	ng	99
34) Hexachlorobutadiene	10.592	225	194877	37.952	ng	97
35) Caprolactam	11.216	113	67373	41.056	ng	95
36) 4-Chloro-3-methylphenol	11.563	107	227993	39.881	ng	97
37) 2-Methylnaphthalene	11.922	142	528209	39.869	ng	99
38) 1-Methylnaphthalene	12.145	142	516976	39.722	ng	99
40) 1,2,4,5-Tetrachloroben...	12.298	216	336013	38.844	ng	99
41) Hexachlorocyclopentadiene	12.286	237	89283	42.185	ng	94
43) 2,4,6-Trichlorophenol	12.551	196	226730	39.819	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.628	196	249901	39.362	ng		97
46) 1,1'-Biphenyl	12.963	154	737881	39.870	ng		99
47) 2-Chloronaphthalene	12.998	162	618027	40.390	ng		99
48) 2-Nitroaniline	13.210	65	166301	41.422	ng		98
49) Acenaphthylene	13.851	152	873791	41.103	ng		99
50) Dimethylphthalate	13.610	163	736276	40.022	ng		99
51) 2,6-Dinitrotoluene	13.722	165	175891	41.360	ng		98
52) Acenaphthene	14.198	154	551176	40.432	ng		99
53) 3-Nitroaniline	14.051	138	161481	41.954	ng		99
54) 2,4-Dinitrophenol	14.257	184	90332	39.346	ng		97
55) Dibenzofuran	14.539	168	927887	40.215	ng		98
56) 4-Nitrophenol	14.380	139	143444	42.946	ng		98
57) 2,4-Dinitrotoluene	14.516	165	252745	41.039	ng	#	98
58) Fluorene	15.192	166	783818	39.748	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.774	232	233944	40.010	ng		99
60) Diethylphthalate	14.992	149	754551	39.759	ng		99
61) 4-Chlorophenyl-phenyle...	15.198	204	420089	39.610	ng		99
62) 4-Nitroaniline	15.221	138	178526	41.138	ng		99
63) Azobenzene	15.492	77	619436	40.200	ng		99
65) 4,6-Dinitro-2-methylph...	15.280	198	133861	41.443	ng		90
66) n-Nitrosodiphenylamine	15.416	169	661932	41.062	ng		97
67) 4-Bromophenyl-phenylether	16.092	248	281629	40.118	ng		99
68) Hexachlorobenzene	16.198	284	340597	40.171	ng		99
69) Atrazine	16.380	200	196530	34.734	ng		96
70) Pentachlorophenol	16.545	266	247561	41.155	ng		99
71) Phenanthrene	16.933	178	1251357	40.537	ng		99
72) Anthracene	17.021	178	1243632	40.720	ng		99
73) Carbazole	17.298	167	1185473	41.019	ng		100
74) Di-n-butylphthalate	17.886	149	1287123	39.834	ng		99
75) Fluoranthene	18.957	202	1645907	41.493	ng		98
77) Benzidine	19.157	184	375557	31.397	ng		98
78) Pyrene	19.321	202	1695403	39.840	ng		99
80) Butylbenzylphthalate	20.256	149	596444	38.801	ng		99
81) Benzo(a)anthracene	21.103	228	1582640	40.009	ng		100
82) 3,3'-Dichlorobenzidine	21.039	252	563759	41.009	ng		99
83) Chrysene	21.156	228	1490040	40.401	ng		99
84) Bis(2-ethylhexyl)phtha...	21.062	149	783759	38.232	ng		98
85) Di-n-octyl phthalate	22.121	149	1357772	39.295	ng		100
87) Indeno(1,2,3-cd)pyrene	26.968	276	1752254	39.733	ng		99
88) Benzo(b)fluoranthene	23.021	252	1731460	41.314	ng		100
89) Benzo(k)fluoranthene	23.080	252	1549332	39.167	ng		99
90) Benzo(a)pyrene	23.756	252	1458069	40.216	ng		99
91) Dibenzo(a,h)anthracene	27.021	278	1461256	39.921	ng		99
92) Benzo(g,h,i)perylene	27.927	276	1518394	40.200	ng		96

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

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