Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019766.D
Acq On : 19 Feb 2024 16:54
Operator : MA/JU
Sample : P1461-03MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-2MSD

Quant Time: Feb 19 17:19:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 00:51:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	57912	20.000	ng		-0.02
21) Naphthalene-d8	10.699	136	212866	20.000	ng		-0.02
39) Acenaphthene-d10	14.534	164	142897	20.000	ng		-0.02
64) Phenanthrene-d10	17.292	188	341629	20.000	ng		-0.01
76) Chrysene-d12	21.386	240	383533	20.000	ng		# 0.00
86) Perylene-d12	23.804	264	460165	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	451616	125.703	ng		-0.01
7) Phenol-d6	7.075	99	560180	115.637	ng		-0.01
23) Nitrobenzene-d5	9.069	82	431544	87.846	ng		-0.02
42) 2,4,6-Tribromophenol	16.034	330	385543	184.789	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1009816	87.361	ng		-0.02
79) Terphenyl-d14	19.857	244	2161232	92.671	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.387	88	48545	35.071	ng	#	65
3) Pyridine	3.787	79	118569	31.595	ng		97
4) n-Nitrosodimethylamine	3.705	42	71609	43.828	ng		97
6) Aniline	7.234	93	146594	31.143	ng		100
8) 2-Chlorophenol	7.463	128	175243	47.510	ng		96
9) Benzaldehyde	7.052	77	21073m	6.205	ng		
10) Phenol	7.099	94	201636	41.762	ng		96
11) bis(2-Chloroethyl)ether	7.334	93	165659	44.101	ng		98
12) 1,3-Dichlorobenzene	7.787	146	194189	43.025	ng		98
13) 1,4-Dichlorobenzene	7.934	146	196730	43.023	ng		98
14) 1,2-Dichlorobenzene	8.246	146	189685	42.874	ng		99
15) Benzyl Alcohol	8.152	79	187232m	48.372	ng		
16) 2,2'-oxybis(1-Chloropr...	8.422	45	159636	42.498	ng		97
17) 2-Methylphenol	8.346	107	148288	45.619	ng		98
18) Hexachloroethane	8.969	117	74401	41.977	ng		96
19) n-Nitroso-di-n-propyla...	8.716	70	144569	43.691	ng		98
20) 3+4-Methylphenols	8.681	107	199533	44.978	ng		97
22) Acetophenone	8.734	105	280957	46.330	ng	#	97
24) Nitrobenzene	9.110	77	217019	43.876	ng		99
25) Isophorone	9.640	82	400969	46.867	ng		99
26) 2-Nitrophenol	9.816	139	95773	50.783	ng		98
27) 2,4-Dimethylphenol	9.881	122	132936	55.125	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	221976	45.857	ng		100
29) 2,4-Dichlorophenol	10.351	162	188507	51.711	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	206399	46.177	ng		99
31) Naphthalene	10.751	128	524559	44.931	ng		98
32) Benzoic acid	10.028	122	121142	51.559	ng		97
33) 4-Chloroaniline	10.875	127	44741	10.363	ng		96
34) Hexachlorobutadiene	11.016	225	150891	45.556	ng		96
35) Caprolactam	11.675	113	53284	51.632	ng		96
36) 4-Chloro-3-methylphenol	11.998	107	211066	53.100	ng		97
37) 2-Methylnaphthalene	12.357	142	380271	47.066	ng		99
38) 1-Methylnaphthalene	12.575	142	361329	45.509	ng		99
40) 1,2,4,5-Tetrachloroben...	12.722	216	263222	47.763	ng		99
41) Hexachlorocyclopentadiene	12.693	237	286116	114.925	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	174681	52.346	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.045	196	191137	52.161	ng	97
46) 1,1'-Biphenyl	13.375	154	533060	46.739	ng	99
47) 2-Chloronaphthalene	13.410	162	423490	45.234	ng	98
48) 2-Nitroaniline	13.628	65	138937	53.072	ng	95
49) Acenaphthylene	14.257	152	692403	52.715	ng	99
50) Dimethylphthalate	14.004	163	584729	53.453	ng	99
51) 2,6-Dinitrotoluene	14.128	165	124509	51.805	ng	99
52) Acenaphthene	14.598	154	384795	47.201	ng	99
53) 3-Nitroaniline	14.457	138	90092	40.789	ng	97
54) 2,4-Dinitrophenol	14.669	184	166773	133.645	ng	97
55) Dibenzofuran	14.934	168	675448	50.872	ng	99
56) 4-Nitrophenol	14.769	139	194406	107.385	ng	98
57) 2,4-Dinitrotoluene	14.916	165	183705	58.328	ng	98
58) Fluorene	15.586	166	552559	52.250	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	190489	61.803	ng	94
60) Diethylphthalate	15.369	149	584120	53.684	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	311742	52.448	ng	94
62) 4-Nitroaniline	15.622	138	129296	55.847	ng	98
63) Azobenzene	15.881	77	518021	49.233	ng	97
65) 4,6-Dinitro-2-methylph...	15.681	198	115545	59.315	ng	91
66) n-Nitrosodiphenylamine	15.804	169	484945	47.398	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	209955	49.161	ng	94
68) Hexachlorobenzene	16.586	284	247369	49.600	ng	95
69) Atrazine	16.769	200	199767	58.839	ng	97
70) Pentachlorophenol	16.939	266	357697	115.170	ng	98
71) Phenanthrene	17.333	178	925998	51.505	ng	100
72) Anthracene	17.428	178	938629	52.335	ng	99
73) Carbazole	17.704	167	856352	52.560	ng	99
74) Di-n-butylphthalate	18.263	149	1044931	53.042	ng	98
75) Fluoranthene	19.304	202	1221994	55.639	ng	99
77) Benzidine	19.492	184	238577	29.754	ng	98
78) Pyrene	19.657	202	1275446	47.120	ng	99
80) Butylbenzylphthalate	20.545	149	507005	50.157	ng	95
81) Benzo(a)anthracene	21.369	228	1438835	53.294	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	459955	46.753	ng	99
83) Chrysene	21.421	228	1356746	52.932	ng	100
84) Bis(2-ethylhexyl)phtha...	21.304	149	729866	47.416	ng	100
85) Di-n-octyl phthalate	22.245	149	1284939	47.446	ng	99
87) Indeno(1,2,3-cd)pyrene	26.345	276	1793370	50.913	ng	98
88) Benzo(b)fluoranthene	23.068	252	1541606	53.155	ng	99
89) Benzo(k)fluoranthene	23.121	252	1495983	53.999	ng	99
90) Benzo(a)pyrene	23.698	252	1381218	53.525	ng	99
91) Dibenzo(a,h)anthracene	26.368	278	1476235	50.957	ng	97
92) Benzo(g,h,i)perylene	27.115	276	1416083	48.182	ng	98

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

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