Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020624\
Data File : BP019581.D
Acq On : 06 Feb 2024 19:16
Operator : MA/JU
Sample : P1345-01MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TT-278-IDWSO-20240201-1MSD

Quant Time: Feb 07 01:07:37 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	7.911	152	80114	20.000	ng		0.00
21) Naphthalene-d8	10.710	136	308505	20.000	ng		0.00
39) Acenaphthene-d10	14.540	164	186634	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	353643	20.000	ng		0.00
76) Chrysene-d12	21.386	240	277332	20.000	ng		0.00
86) Perylene-d12	23.804	264	372900	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	636551	128.076	ng		0.00
7) Phenol-d6	7.081	99	862897	128.762	ng		0.00
23) Nitrobenzene-d5	9.081	82	571422	80.260	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	319468	117.236	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	1210012	80.149	ng		-0.01
79) Terphenyl-d14	19.863	244	1314486	77.947	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	78045	40.757	ng		99
3) Pyridine	3.781	79	200596	38.639	ng		99
4) n-Nitrosodimethylamine	3.699	42	107213	47.435	ng		98
6) Aniline	7.240	93	212104	32.573	ng		99
8) 2-Chlorophenol	7.469	128	258340	50.629	ng		96
9) Benzaldehyde	7.052	77	81642	17.376	ng		94
10) Phenol	7.105	94	354119	53.018	ng		97
11) bis(2-Chloroethyl)ether	7.346	93	246144	47.368	ng		99
12) 1,3-Dichlorobenzene	7.793	146	276306	44.253	ng		99
13) 1,4-Dichlorobenzene	7.946	146	285465	45.128	ng		99
14) 1,2-Dichlorobenzene	8.258	146	273459	44.680	ng		99
15) Benzyl Alcohol	8.158	79	270850	50.583	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.434	45	250192	48.148	ng		97
17) 2-Methylphenol	8.358	107	228621	50.842	ng		98
18) Hexachloroethane	8.981	117	107564	43.869	ng		97
19) n-Nitroso-di-n-propyla...	8.728	70	212866	46.503	ng		98
20) 3+4-Methylphenols	8.687	107	308203	50.221	ng		98
22) Acetophenone	8.740	105	412929	46.983	ng	#	99
24) Nitrobenzene	9.122	77	322235	44.952	ng		100
25) Isophorone	9.646	82	570524	46.013	ng		100
26) 2-Nitrophenol	9.828	139	133465	48.830	ng		99
27) 2,4-Dimethylphenol	9.887	122	194991	55.791	ng		99
28) bis(2-Chloroethoxy)met...	10.134	93	333952	47.603	ng		97
29) 2,4-Dichlorophenol	10.358	162	265663	50.284	ng		98
30) 1,2,4-Trichlorobenzene	10.569	180	292503	45.154	ng		99
31) Naphthalene	10.757	128	769524	45.480	ng		99
32) Benzoic acid	10.034	122	159309	46.784	ng		95
33) 4-Chloroaniline	10.881	127	60237	9.627	ng		97
34) Hexachlorobutadiene	11.034	225	211421	44.043	ng		99
35) Caprolactam	11.663	113	65186	43.584	ng		91
36) 4-Chloro-3-methylphenol	11.999	107	273861	47.539	ng		99
37) 2-Methylnaphthalene	12.369	142	539529	46.076	ng		99
38) 1-Methylnaphthalene	12.587	142	515363	44.787	ng		100
40) 1,2,4,5-Tetrachloroben...	12.728	216	362768	50.400	ng		98
41) Hexachlorocyclopentadiene	12.704	237	474164	145.825	ng		99
43) 2,4,6-Trichlorophenol	12.975	196	219561	50.376	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	231274	48.324	ng	99
46) 1,1'-Biphenyl	13.381	154	728018	48.874	ng	99
47) 2-Chloronaphthalene	13.422	162	582897	47.670	ng	98
48) 2-Nitroaniline	13.628	65	163149	47.716	ng	99
49) Acenaphthylene	14.263	152	883485	51.500	ng	100
50) Dimethylphthalate	14.016	163	674271	47.193	ng	99
51) 2,6-Dinitrotoluene	14.134	165	143454	45.700	ng	99
52) Acenaphthene	14.604	154	500495	47.006	ng	100
53) 3-Nitroaniline	14.457	138	71435	24.763	ng	96
54) 2,4-Dinitrophenol	14.663	184	159628	97.942	ng	99
55) Dibenzofuran	14.940	168	833811	48.082	ng	99
56) 4-Nitrophenol	14.763	139	207907	87.929	ng	99
57) 2,4-Dinitrotoluene	14.916	165	187855	45.668	ng	98
58) Fluorene	15.593	166	642215	46.497	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.163	232	196015	48.692	ng	99
60) Diethylphthalate	15.381	149	632772	44.527	ng	99
61) 4-Chlorophenyl-phenyle...	15.593	204	364354	46.934	ng	97
62) 4-Nitroaniline	15.622	138	124278	41.100	ng	98
63) Azobenzene	15.887	77	637728	46.407	ng	98
65) 4,6-Dinitro-2-methylph...	15.675	198	99773	49.478	ng	96
66) n-Nitrosodiphenylamine	15.810	169	536664	50.671	ng	100
67) 4-Bromophenyl-phenylether	16.492	248	217431	49.182	ng	95
68) Hexachlorobenzene	16.587	284	250851	48.589	ng	98
69) Atrazine	16.769	200	188852	53.735	ng	97
70) Pentachlorophenol	16.939	266	297445	92.517	ng	98
71) Phenanthrene	17.339	178	914096	49.116	ng	99
72) Anthracene	17.428	178	916369	49.358	ng	99
73) Carbazole	17.704	167	755278	44.781	ng	100
74) Di-n-butylphthalate	18.269	149	897894	44.030	ng	100
75) Fluoranthene	19.304	202	973091	42.801	ng	100
77) Benzidine	19.492	184	368098	63.486	ng	99
78) Pyrene	19.657	202	988639	50.511	ng	99
80) Butylbenzylphthalate	20.551	149	332330	45.466	ng	99
81) Benzo(a)anthracene	21.369	228	970216	49.698	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	247979	34.859	ng	98
83) Chrysene	21.427	228	907373	48.956	ng	100
84) Bis(2-ethylhexyl)phtha...	21.316	149	473797	42.568	ng	99
85) Di-n-octyl phthalate	22.263	149	831308	42.450	ng	100
87) Indeno(1,2,3-cd)pyrene	26.333	276	1524059	53.393	ng	99
88) Benzo(b)fluoranthene	23.069	252	1090200	46.387	ng	100
89) Benzo(k)fluoranthene	23.116	252	1051619	46.843	ng	99
90) Benzo(a)pyrene	23.698	252	1037998	49.638	ng	99
91) Dibenzo(a,h)anthracene	26.363	278	1245007	53.033	ng	100
92) Benzo(g,h,i)perylene	27.104	276	1215507	51.035	ng	99

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

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