Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021924\
Data File : BP019774.D
Acq On : 19 Feb 2024 21:25
Operator : MA/JU
Sample : P1505-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-1DMS

Quant Time: Feb 19 23:38:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 19 23:35:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.899	152	81703	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	316475	20.000	ng		0.00
39) Acenaphthene-d10	14.534	164	211447	20.000	ng		0.00
64) Phenanthrene-d10	17.292	188	480980	20.000	ng		0.00
76) Chrysene-d12	21.392	240	451213	20.000	ng		0.00
86) Perylene-d12	23.810	264	516145	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	468696	92.469	ng		0.00
7) Phenol-d6	7.075	99	622982	91.154	ng		0.00
23) Nitrobenzene-d5	9.069	82	424392	58.107	ng		0.00
42) 2,4,6-Tribromophenol	16.034	330	370160	119.899	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	1001851	58.573	ng		0.00
79) Terphenyl-d14	19.857	244	1647793	60.057	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	57684	29.538	ng		97
3) Pyridine	3.781	79	155378	29.347	ng		98
4) n-Nitrosodimethylamine	3.699	42	85867	37.251	ng		98
6) Aniline	7.234	93	218167	32.852	ng		99
8) 2-Chlorophenol	7.463	128	237834	45.703	ng		96
9) Benzaldehyde	7.046	77	47756m	9.966	ng		
10) Phenol	7.105	94	302098	44.350	ng		97
11) bis(2-Chloroethyl)ether	7.340	93	218100	41.155	ng		99
12) 1,3-Dichlorobenzene	7.787	146	263013	41.305	ng		98
13) 1,4-Dichlorobenzene	7.934	146	267404	41.450	ng		99
14) 1,2-Dichlorobenzene	8.246	146	259673	41.602	ng		98
15) Benzyl Alcohol	8.152	79	240326m	44.010	ng		
16) 2,2'-oxybis(1-Chloropr...	8.428	45	216511	40.856	ng		99
17) 2-Methylphenol	8.352	107	201740	43.991	ng		98
18) Hexachloroethane	8.969	117	96647	38.650	ng		98
19) n-Nitroso-di-n-propyla...	8.716	70	186582	39.968	ng		99
20) 3+4-Methylphenols	8.681	107	276118	44.118	ng		98
22) Acetophenone	8.734	105	372882	41.358	ng	#	98
24) Nitrobenzene	9.116	77	286013	38.894	ng		98
25) Isophorone	9.640	82	518956	40.800	ng		100
26) 2-Nitrophenol	9.822	139	128072	45.677	ng		96
27) 2,4-Dimethylphenol	9.881	122	182224	50.825	ng		97
28) bis(2-Chloroethoxy)met...	10.128	93	291681	40.530	ng		99
29) 2,4-Dichlorophenol	10.352	162	255906	47.217	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	291584	43.878	ng		98
31) Naphthalene	10.752	128	732557	42.205	ng		99
32) Benzoic acid	10.052	122	180756	51.745	ng		96
33) 4-Chloroaniline	10.875	127	193471	30.140	ng		98
34) Hexachlorobutadiene	11.016	225	214368	43.532	ng		98
35) Caprolactam	11.687	113	73881	48.153	ng		98
36) 4-Chloro-3-methylphenol	11.999	107	279455	47.288	ng		100
37) 2-Methylnaphthalene	12.363	142	522046	43.460	ng		99
38) 1-Methylnaphthalene	12.581	142	502967	42.609	ng		98
40) 1,2,4,5-Tetrachloroben...	12.722	216	376816	46.208	ng		98
41) Hexachlorocyclopentadiene	12.693	237	107389	29.151	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	237367	48.071	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.046	196	261892	48.300	ng		98
46) 1,1'-Biphenyl	13.375	154	715697	42.408	ng		100
47) 2-Chloronaphthalene	13.416	162	582771	42.067	ng		100
48) 2-Nitroaniline	13.628	65	178925	46.189	ng		98
49) Acenaphthylene	14.263	152	946746	48.711	ng		99
50) Dimethylphthalate	14.010	163	727885	44.968	ng		99
51) 2,6-Dinitrotoluene	14.134	165	158861	44.669	ng		94
52) Acenaphthene	14.598	154	529641	43.907	ng		99
53) 3-Nitroaniline	14.463	138	140418	42.963	ng		97
54) 2,4-Dinitrophenol	14.675	184	69581	37.682	ng		94
55) Dibenzofuran	14.940	168	903809	46.002	ng		98
56) 4-Nitrophenol	14.775	139	259653	96.928	ng		98
57) 2,4-Dinitrotoluene	14.922	165	224382	48.146	ng		96
58) Fluorene	15.587	166	733848	46.896	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	250928	55.019	ng		95
60) Diethylphthalate	15.375	149	734160	45.599	ng		99
61) 4-Chlorophenyl-phenyle...	15.587	204	416379	47.342	ng		94
62) 4-Nitroaniline	15.628	138	153653	44.852	ng		99
63) Azobenzene	15.881	77	683443	43.897	ng		97
65) 4,6-Dinitro-2-methylph...	15.681	198	53819	19.623	ng		97
66) n-Nitrosodiphenylamine	15.804	169	625032	43.390	ng		99
67) 4-Bromophenyl-phenylether	16.486	248	276429	45.973	ng		93
68) Hexachlorobenzene	16.587	284	322213	45.889	ng		95
69) Atrazine	16.769	200	253512	53.036	ng		96
70) Pentachlorophenol	16.939	266	435957	99.700	ng		99
71) Phenanthrene	17.339	178	1323530	52.288	ng		98
72) Anthracene	17.428	178	1223205	48.443	ng		100
73) Carbazole	17.704	167	1008394	43.960	ng		99
74) Di-n-butylphthalate	18.263	149	1232217	44.427	ng		100
75) Fluoranthene	19.304	202	1785388	57.739	ng		99
77) Benzidine	19.492	184	291480	30.899	ng		99
78) Pyrene	19.657	202	1812477	56.916	ng		100
80) Butylbenzylphthalate	20.545	149	529934	44.561	ng		96
81) Benzo(a)anthracene	21.374	228	1684059	53.021	ng		99
82) 3,3'-Dichlorobenzidine	21.310	252	459840	39.730	ng		98
83) Chrysene	21.427	228	1541673	51.125	ng		99
84) Bis(2-ethylhexyl)phtha...	21.310	149	924185	51.035	ng	#	97
85) Di-n-octyl phthalate	22.251	149	1315047	41.274	ng		99
87) Indeno(1,2,3-cd)pyrene	26.362	276	1875803	47.478	ng	#	96
88) Benzo(b)fluoranthene	23.074	252	1732155	53.248	ng		98
89) Benzo(k)fluoranthene	23.127	252	1571557	50.575	ng		97
90) Benzo(a)pyrene	23.710	252	1552383	53.633	ng		98
91) Dibenzo(a,h)anthracene	26.380	278	1426562	43.902	ng		96
92) Benzo(g,h,i)perylene	27.139	276	1490693	45.219	ng		98

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

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