Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021725\
Data File : BP024070.D
Acq On : 17 Feb 2025 12:09
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Quant Time: Feb 18 02:00:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 01:47:18 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.758	152	386656	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1534795	20.000	ng		0.00
39) Acenaphthene-d10	14.387	164	965513	20.000	ng		0.00
64) Phenanthrene-d10	17.181	188	1879447	20.000	ng		0.00
76) Chrysene-d12	21.639	240	1942491	20.000	ng		0.00
86) Perylene-d12	25.027	264	1795199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	215069	8.679	ng		0.00
7) Phenol-d6	6.940	99	277302	8.707	ng		0.00
23) Nitrobenzene-d5	8.905	82	253560	9.217	ng		0.00
42) 2,4,6-Tribromophenol	15.892	330	94753	8.012	ng		-0.01
45) 2-Fluorobiphenyl	12.998	172	652264	9.444	ng		0.00
79) Terphenyl-d14	19.904	244	925211	9.425	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	46898	4.825	ng		98
3) Pyridine	3.717	79	114656	4.532	ng		96
4) n-Nitrosodimethylamine	3.623	42	40104	4.474	ng	#	94
6) Aniline	7.093	93	137066	4.699	ng		99
8) 2-Chlorophenol	7.334	128	119587	4.560	ng		96
9) Benzaldehyde	6.911	77	85861	5.905	ng		97
10) Phenol	6.969	94	147368	4.601	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	123063	4.879	ng		99
12) 1,3-Dichlorobenzene	7.652	146	140323	4.870	ng		99
13) 1,4-Dichlorobenzene	7.793	146	142583	4.893	ng		99
14) 1,2-Dichlorobenzene	8.111	146	137258	4.908	ng		99
15) Benzyl Alcohol	7.999	79	85473	4.384	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	124560	5.087	ng		98
17) 2-Methylphenol	8.205	107	83657	4.286	ng		99
18) Hexachloroethane	8.834	117	50215	4.785	ng		96
19) n-Nitroso-di-n-propyla...	8.558	70	85546	4.996	ng		99
20) 3+4-Methylphenols	8.528	107	115932	4.367	ng		99
22) Acetophenone	8.575	105	190516	4.831	ng	#	97
24) Nitrobenzene	8.946	77	126072	4.656	ng		97
25) Isophorone	9.469	82	205517	4.568	ng		98
26) 2-Nitrophenol	9.657	139	47187	3.783	ng		96
27) 2,4-Dimethylphenol	9.722	122	72295	4.415	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	162407	4.983	ng		99
29) 2,4-Dichlorophenol	10.193	162	88946	3.981	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	119252	4.658	ng		99
31) Naphthalene	10.587	128	398806	4.833	ng		100
33) 4-Chloroaniline	10.699	127	129418	4.452	ng		99
34) Hexachlorobutadiene	10.875	225	69721	4.702	ng		98
36) 4-Chloro-3-methylphenol	11.828	107	95067	4.139	ng		97
37) 2-Methylnaphthalene	12.199	142	263903	4.811	ng		97
38) 1-Methylnaphthalene	12.422	142	258773	4.850	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	132362	4.462	ng		99
41) Hexachlorocyclopentadiene	12.551	237	43723	3.961	ng		96
43) 2,4,6-Trichlorophenol	12.816	196	69599	3.847	ng		98
44) 2,4,5-Trichlorophenol	12.887	196	77654	3.925	ng		98
46) 1,1'-Biphenyl	13.216	154	353639	4.714	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.251	162	262820	4.634	ng		100
48) 2-Nitroaniline	13.457	65	50912	3.800	ng		96
49) Acenaphthylene	14.104	152	368336	4.408	ng		100
50) Dimethylphthalate	13.840	163	323452	4.749	ng		99
51) 2,6-Dinitrotoluene	13.951	165	57895	4.173	ng		91
52) Acenaphthene	14.445	154	251033	4.665	ng		99
53) 3-Nitroaniline	14.287	138	57055	3.854	ng	#	96
55) Dibenzofuran	14.793	168	422141	4.829	ng		100
57) 2,4-Dinitrotoluene	14.751	165	67125	3.725	ng		89
58) Fluorene	15.451	166	316460	4.635	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.022	232	73599	4.287	ng		99
60) Diethylphthalate	15.222	149	320288	4.737	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	155540	4.629	ng		97
62) 4-Nitroaniline	15.469	138	54450	6.182	ng		93
63) Azobenzene	15.740	77	288499	4.554	ng		95
66) n-Nitrosodiphenylamine	15.663	169	252587	4.310	ng		100
67) 4-Bromophenyl-phenylether	16.357	248	90836	4.304	ng		97
68) Hexachlorobenzene	16.475	284	112989	4.550	ng		96
69) Atrazine	16.634	200	75530	5.022	ng		99
71) Phenanthrene	17.228	178	501614	4.734	ng		99
72) Anthracene	17.316	178	446598	4.398	ng		98
73) Carbazole	17.598	167	421376	4.355	ng		99
74) Di-n-butylphthalate	18.192	149	471576	4.177	ng		100
75) Fluoranthene	19.310	202	531581	4.435	ng		99
77) Benzidine	19.510	184	114626	4.843	ng		99
78) Pyrene	19.680	202	554988	4.498	ng		100
80) Butylbenzylphthalate	20.645	149	178630	3.778	ng		97
81) Benzo(a)anthracene	21.616	228	552572	4.537	ng		99
82) 3,3'-Dichlorobenzidine	21.539	252	142903	3.755	ng		100
83) Chrysene	21.686	228	546204	4.650	ng		98
84) Bis(2-ethylhexyl)phtha...	21.563	149	262557	3.662	ng		98
87) Indeno(1,2,3-cd)pyrene	28.868	276	508904	3.983	ng		99
88) Benzo(b)fluoranthene	23.951	252	500824	4.393	ng		99
89) Benzo(k)fluoranthene	24.021	252	493266	4.445	ng		98
90) Benzo(a)pyrene	24.863	252	398861	4.123	ng		98
91) Dibenzo(a,h)anthracene	28.945	278	429271	3.998	ng		98
92) Benzo(g,h,i)perylene	30.056	276	437863	4.018	ng		98

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

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