Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060693.D
Acq On : 20 Mar 2024 15:56
Operator : MA/JU
Sample : P1803-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TRENCH-PITMSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 03/21/2024
Supervised By :Sohil Jodhani 03/21/2024

Quant Time: Mar 21 01:31:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 18 14:26:31 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.293	152	92920	20.000	ng		0.00
21) Naphthalene-d8	11.137	136	399106	20.000	ng		0.00
39) Acenaphthene-d10	14.927	164	284846	20.000	ng		0.00
64) Phenanthrene-d10	17.676	188	647500	20.000	ng		0.00
76) Chrysene-d12	21.995	240	618086	20.000	ng		0.00
86) Perylene-d12	25.532	264	756649	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.784	112	545678	92.316	ng		0.00
7) Phenol-d6	7.412	99	916397	106.874	ng		0.00
23) Nitrobenzene-d5	9.492	82	605464	78.953	ng		0.00
42) 2,4,6-Tribromophenol	16.413	330	417842	126.589	ng		0.00
45) 2-Fluorobiphenyl	13.546	172	1163173	55.211	ng		0.00
79) Terphenyl-d14	20.256	244	1855780	54.271	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.616	88	100777	40.731	ng		96
3) Pyridine	4.039	79	246223	33.672	ng		94
4) n-Nitrosodimethylamine	3.963	42	156191	43.542	ng		99
6) Aniline	7.618	93	222211	21.208	ng		98
8) 2-Chlorophenol	7.841	128	280760	43.451	ng		99
9) Benzaldehyde	7.436	77	64362	13.409	ng		93
10) Phenol	7.441	94	389148	45.231	ng		100
11) bis(2-Chloroethyl)ether	7.706	93	260970	38.051	ng		97
12) 1,3-Dichlorobenzene	8.176	146	291723	41.866	ng		96
13) 1,4-Dichlorobenzene	8.329	146	299490	42.401	ng		98
14) 1,2-Dichlorobenzene	8.646	146	298375	42.534	ng		99
15) Benzyl Alcohol	8.534	79	287336	42.386	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.793	45	519321	39.004	ng		98
17) 2-Methylphenol	8.716	107	275679	41.729	ng		99
18) Hexachloroethane	9.380	117	115956	48.058	ng		95
19) n-Nitroso-di-n-propyla...	9.098	70	248777	41.857	ng		100
20) 3+4-Methylphenols	9.045	107	392033	43.999	ng		98
22) Acetophenone	9.139	105	492470	46.024	ng	#	98
24) Nitrobenzene	9.539	77	356011	46.436	ng		99
25) Isophorone	10.044	82	707323	46.084	ng		99
26) 2-Nitrophenol	10.244	139	159086	51.075	ng		93
27) 2,4-Dimethylphenol	10.267	122	259017	38.128	ng		99
28) bis(2-Chloroethoxy)met...	10.526	93	373096	40.548	ng		98
29) 2,4-Dichlorophenol	10.761	162	288081	47.250	ng		98
30) 1,2,4-Trichlorobenzene	10.984	180	279289	43.142	ng		98
31) Naphthalene	11.190	128	956623	42.913	ng		100
32) Benzoic acid	10.391	122	223366	49.779	ng		94
33) 4-Chloroaniline	11.307	127	137095	14.584	ng		93
34) Hexachlorobutadiene	11.419	225	179320	40.610	ng		95
35) Caprolactam	12.101	113	104295m	50.815	ng		
36) 4-Chloro-3-methylphenol	12.377	107	364447	48.776	ng		98
37) 2-Methylnaphthalene	12.770	142	647674	42.066	ng		98
38) 1-Methylnaphthalene	12.988	142	616002	42.626	ng		98
40) 1,2,4,5-Tetrachloroben...	13.117	216	360977	41.266	ng		99
41) Hexachlorocyclopentadiene	13.070	237	311607	72.438	ng		99
43) 2,4,6-Trichlorophenol	13.358	196	261541	46.563	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.428	196	287107	43.209	ng		97
46) 1,1'-Biphenyl	13.763	154	881876	40.730	ng		99
47) 2-Chloronaphthalene	13.816	162	692409	42.374	ng		96
48) 2-Nitroaniline	14.034	65	254364	47.165	ng		93
49) Acenaphthylene	14.656	152	1203705	45.219	ng		99
50) Dimethylphthalate	14.369	163	923275	43.218	ng		99
51) 2,6-Dinitrotoluene	14.515	165	191201	48.573	ng		90
52) Acenaphthene	14.991	154	676269	42.514	ng		96
53) 3-Nitroaniline	14.850	138	118253	26.091	ng		96
54) 2,4-Dinitrophenol	15.050	184	227858	110.240	ng		98
55) Dibenzofuran	15.326	168	1130482	43.893	ng		99
56) 4-Nitrophenol	15.121	139	371169	109.747	ng		99
57) 2,4-Dinitrotoluene	15.291	165	273644	55.260	ng	#	95
58) Fluorene	15.973	166	928311	45.049	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.532	232	267698m	48.310	ng		
60) Diethylphthalate	15.714	149	979919	44.581	ng		100
61) 4-Chlorophenyl-phenyle...	15.949	204	442881	42.431	ng		99
62) 4-Nitroaniline	16.014	138	227460	49.009	ng		98
63) Azobenzene	16.249	77	1000005	43.960	ng		97
65) 4,6-Dinitro-2-methylph...	16.037	198	154560	52.340	ng		94
66) n-Nitrosodiphenylamine	16.172	169	841033	41.503	ng		99
67) 4-Bromophenyl-phenylether	16.848	248	307204	43.997	ng		99
68) Hexachlorobenzene	16.942	284	358056	44.601	ng		99
69) Atrazine	17.107	200	318773	47.032	ng		98
70) Pentachlorophenol	17.295	266	477815	91.830	ng		98
71) Phenanthrene	17.718	178	1969951	56.479	ng		99
72) Anthracene	17.812	178	1609483	45.638	ng		99
73) Carbazole	18.088	167	1462302	47.687	ng		100
74) Di-n-butylphthalate	18.593	149	1716120	45.924	ng		99
75) Fluoranthene	19.715	202	2431071	63.011	ng		99
77) Benzidine	19.903	184	855022	56.555	ng		98
78) Pyrene	20.079	202	2394717	55.518	ng		100
80) Butylbenzylphthalate	20.931	149	790070	48.450	ng		99
81) Benzo(a)anthracene	21.971	228	2179241	51.207	ng		98
82) 3,3'-Dichlorobenzidine	21.883	252	380670	26.538	ng		96
83) Chrysene	22.048	228	2105400	50.951	ng		98
84) Bis(2-ethylhexyl)phtha...	21.807	149	1212126	50.323	ng		98
85) Di-n-octyl phthalate	23.123	149	2043855	51.529	ng		98
87) Indeno(1,2,3-cd)pyrene	29.639	276	2624051	50.842	ng	#	88
88) Benzo(b)fluoranthene	24.392	252	2262887	54.362	ng		100
89) Benzo(k)fluoranthene	24.468	252	2124249	48.575	ng		99
90) Benzo(a)pyrene	25.367	252	2077166	50.898	ng		99
91) Dibenzo(a,h)anthracene	29.721	278	1994780	45.528	ng		99
92) Benzo(g,h,i)perylene	30.949	276	2075147	48.918	ng		99

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

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