Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062656.D
Acq On : 5 Sep 2024 00:25
Operator : MA/JU
Sample : SSTDCCC040
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 05 04:55:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.918	152	65972	20.000	ng		0.00
21) Naphthalene-d8	10.715	136	285627	20.000	ng		0.00
39) Acenaphthene-d10	14.546	164	234948	20.000	ng		0.00
64) Phenanthrene-d10	17.290	188	616912	20.000	ng		0.00
76) Chrysene-d12	21.532	240	634308	20.000	ng		0.00
86) Perylene-d12	24.599	264	737705	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	311362	81.580	ng		0.00
7) Phenol-d6	7.090	99	457141	82.910	ng		0.00
23) Nitrobenzene-d5	9.076	82	456721	86.117	ng		0.00
42) 2,4,6-Tribromophenol	16.032	330	297943	90.109	ng		0.00
45) 2-Fluorobiphenyl	13.171	172	1168693	80.573	ng		0.00
79) Terphenyl-d14	19.904	244	2417638	75.575	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.406	88	62475	39.293	ng		98
3) Pyridine	3.800	79	187330	40.892	ng		97
4) n-Nitrosodimethylamine	3.717	42	94450	42.408	ng	#	93
6) Aniline	7.249	93	202746	39.358	ng		95
8) 2-Chlorophenol	7.489	128	165664	40.430	ng		93
9) Benzaldehyde	7.061	77	146213	45.589	ng		99
10) Phenol	7.113	94	231050	41.394	ng		98
11) bis(2-Chloroethyl)ether	7.343	93	170307	39.851	ng		99
12) 1,3-Dichlorobenzene	7.813	146	182841	40.662	ng		98
13) 1,4-Dichlorobenzene	7.959	146	185707	40.131	ng		99
14) 1,2-Dichlorobenzene	8.271	146	181297	39.857	ng		99
15) Benzyl Alcohol	8.153	79	164461	40.313	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.453	45	296752	36.434	ng		99
17) 2-Methylphenol	8.359	107	153831	39.537	ng		97
18) Hexachloroethane	8.999	117	68454	39.451	ng		97
19) n-Nitroso-di-n-propyla...	8.723	70	165495	38.092	ng		96
20) 3+4-Methylphenols	8.688	107	225691	39.318	ng		96
22) Acetophenone	8.735	105	310967	40.357	ng		98
24) Nitrobenzene	9.117	77	236589	41.956	ng		98
25) Isophorone	9.640	82	451775	38.806	ng		99
26) 2-Nitrophenol	9.828	139	96626	45.350	ng		98
27) 2,4-Dimethylphenol	9.887	122	128086	41.027	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	247365	39.692	ng		99
29) 2,4-Dichlorophenol	10.363	162	184694	42.312	ng		98
30) 1,2,4-Trichlorobenzene	10.574	180	216411	41.822	ng		99
31) Naphthalene	10.762	128	579035	40.900	ng		98
32) Benzoic acid	10.028	122	131705	39.225	ng		99
33) 4-Chloroaniline	10.868	127	231099	41.480	ng		95
34) Hexachlorobutadiene	11.050	225	153773	42.548	ng		97
35) Caprolactam	11.638	113	70531	41.914	ng		96
36) 4-Chloro-3-methylphenol	11.996	107	214574	40.753	ng		99
37) 2-Methylnaphthalene	12.372	142	447552	40.759	ng		99
38) 1-Methylnaphthalene	12.589	142	442820	40.162	ng		99
40) 1,2,4,5-Tetrachloroben...	12.736	216	299370	42.370	ng		99
41) Hexachlorocyclopentadiene	12.719	237	91589	45.432	ng		99
43) 2,4,6-Trichlorophenol	12.977	196	188887	42.170	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.048	196	218023	42.981	ng		97
46) 1,1'-Biphenyl	13.377	154	643276	41.040	ng		99
47) 2-Chloronaphthalene	13.418	162	525880	41.397	ng		98
48) 2-Nitroaniline	13.623	65	152828	45.741	ng		99
49) Acenaphthylene	14.270	152	762517	40.533	ng		99
50) Dimethylphthalate	14.005	163	680913	39.634	ng		99
51) 2,6-Dinitrotoluene	14.117	165	145576	44.799	ng		99
52) Acenaphthene	14.611	154	481205	40.919	ng		98
53) 3-Nitroaniline	14.446	138	143731	45.712	ng		99
54) 2,4-Dinitrophenol	14.652	184	86032	47.177	ng		96
55) Dibenzofuran	14.945	168	831227	41.215	ng		97
56) 4-Nitrophenol	14.757	139	122319	45.903	ng		92
57) 2,4-Dinitrotoluene	14.904	165	214208	48.313	ng		94
58) Fluorene	15.592	166	655349	41.405	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.169	232	207309	43.141	ng		97
60) Diethylphthalate	15.363	149	690135	40.530	ng		98
61) 4-Chlorophenyl-phenyle...	15.586	204	383821	42.241	ng		98
62) 4-Nitroaniline	15.609	138	159021	45.867	ng		98
63) Azobenzene	15.880	77	645774	40.388	ng		98
65) 4,6-Dinitro-2-methylph...	15.668	198	127919	46.464	ng		98
66) n-Nitrosodiphenylamine	15.803	169	598845	40.375	ng		99
67) 4-Bromophenyl-phenylether	16.479	248	270692	42.515	ng		96
68) Hexachlorobenzene	16.596	284	319167	42.328	ng		96
69) Atrazine	16.749	200	164351	32.624	ng		99
70) Pentachlorophenol	16.937	266	204504	42.345	ng		98
71) Phenanthrene	17.331	178	1153311	40.053	ng		99
72) Anthracene	17.419	178	1146198	40.485	ng		99
73) Carbazole	17.689	167	1046562	40.211	ng		99
74) Di-n-butylphthalate	18.253	149	1194748	40.704	ng		99
75) Fluoranthene	19.340	202	1507640	41.398	ng		99
77) Benzidine	19.522	184	490303	42.886	ng		97
78) Pyrene	19.705	202	1558821	38.660	ng		99
80) Butylbenzylphthalate	20.598	149	478269	40.383	ng		98
81) Benzo(a)anthracene	21.514	228	1587855	39.689	ng		99
82) 3,3'-Dichlorobenzidine	21.432	252	521955	40.049	ng		99
83) Chrysene	21.579	228	1548440	40.407	ng		100
84) Bis(2-ethylhexyl)phtha...	21.432	149	713395	39.650	ng		96
85) Di-n-octyl phthalate	22.595	149	1224886	38.881	ng		99
87) Indeno(1,2,3-cd)pyrene	28.065	276	1935390	40.915	ng	#	90
88) Benzo(b)fluoranthene	23.635	252	1627602	39.945	ng		98
89) Benzo(k)fluoranthene	23.700	252	1603423	40.228	ng		99
90) Benzo(a)pyrene	24.458	252	1443015	40.087	ng		99
91) Dibenzo(a,h)anthracene	28.124	278	1596854	40.979	ng		98
92) Benzo(g,h,i)perylene	29.146	276	1622299	41.287	ng		98

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

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