Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040524\
Data File : BG060795.D
Acq On : 5 Apr 2024 14:20
Operator : MA/JU
Sample : P1996-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP1MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/08/2024
Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 06 01:41:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 03:12:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.955	152	60065	20.000	ng		0.00
21) Naphthalene-d8	10.752	136	246977	20.000	ng		0.00
39) Acenaphthene-d10	14.582	164	192165	20.000	ng		0.00
64) Phenanthrene-d10	17.332	188	458734	20.000	ng		0.00
76) Chrysene-d12	21.598	240	415914	20.000	ng		0.00
86) Perylene-d12	24.735	264	497791	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	347293	96.321	ng		0.00
7) Phenol-d6	7.121	99	506203	94.581	ng		0.00
23) Nitrobenzene-d5	9.107	82	315547	72.904	ng		0.00
42) 2,4,6-Tribromophenol	16.075	330	280101	128.405	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	776048	59.269	ng		0.00
79) Terphenyl-d14	19.959	244	1424599	60.313	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.460	88	60529	40.946	ng		95
3) Pyridine	3.848	79	162578	36.461	ng		95
4) n-Nitrosodimethylamine	3.766	42	128022	48.032	ng		93
6) Aniline	7.279	93	143366	21.212	ng		98
8) 2-Chlorophenol	7.520	128	196328	48.030	ng		96
9) Benzaldehyde	7.091	77	21671m	7.343	ng		
10) Phenol	7.144	94	260047	47.609	ng		97
11) bis(2-Chloroethyl)ether	7.379	93	177182	40.178	ng		99
12) 1,3-Dichlorobenzene	7.843	146	200163	47.088	ng		96
13) 1,4-Dichlorobenzene	7.990	146	206428	47.599	ng		96
14) 1,2-Dichlorobenzene	8.307	146	199825	47.017	ng		99
15) Benzyl Alcohol	8.190	79	190729	43.994	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.478	45	424436	42.647	ng		100
17) 2-Methylphenol	8.396	107	175205	42.490	ng		99
18) Hexachloroethane	9.042	117	72604	47.138	ng		91
19) n-Nitroso-di-n-propyla...	8.760	70	159007	38.958	ng	#	96
20) 3+4-Methylphenols	8.719	107	241741	42.813	ng		94
22) Acetophenone	8.772	105	306656	45.030	ng	#	98
24) Nitrobenzene	9.148	77	226789	47.126	ng		97
25) Isophorone	9.676	82	422441	42.375	ng		99
26) 2-Nitrophenol	9.864	139	102212	58.079	ng		94
27) 2,4-Dimethylphenol	9.923	122	147651	36.870	ng		98
28) bis(2-Chloroethoxy)met...	10.164	93	246305	41.849	ng		98
29) 2,4-Dichlorophenol	10.399	162	194906	53.001	ng		98
30) 1,2,4-Trichlorobenzene	10.617	180	205990	49.469	ng		97
31) Naphthalene	10.805	128	599440	44.868	ng		98
32) Benzoic acid	10.064	122	154078	56.429	ng		94
33) 4-Chloroaniline	10.904	127	80774	13.017	ng		98
34) Hexachlorobutadiene	11.098	225	140707	50.702	ng		96
35) Caprolactam	11.674	113	70421m	48.350	ng		
36) 4-Chloro-3-methylphenol	12.033	107	233474	49.699	ng		98
37) 2-Methylnaphthalene	12.409	142	428885	43.665	ng		98
38) 1-Methylnaphthalene	12.626	142	402196	43.345	ng		94
40) 1,2,4,5-Tetrachloroben...	12.779	216	268734	48.644	ng		100
41) Hexachlorocyclopentadiene	12.761	237	285526	101.643	ng		100
43) 2,4,6-Trichlorophenol	13.014	196	196395	55.209	ng		98

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44) 2,4,5-Trichlorophenol	13.090	196	215640	50.795	ng		98
46) 1,1'-Biphenyl	13.419	154	617654	45.505	ng		98
47) 2-Chloronaphthalene	13.460	162	487487	47.271	ng		97
48) 2-Nitroaniline	13.654	65	187715	54.812	ng		98
49) Acenaphthylene	14.306	152	839510	48.449	ng		100
50) Dimethylphthalate	14.048	163	673139	44.318	ng		100
51) 2,6-Dinitrotoluene	14.154	165	143008	52.252	ng		95
52) Acenaphthene	14.653	154	568208m	52.228	ng		
53) 3-Nitroaniline	14.483	138	81433	28.526	ng		97
54) 2,4-Dinitrophenol	14.688	184	174587	165.135	ng		86
55) Dibenzofuran	14.988	168	788016	45.920	ng		100
56) 4-Nitrophenol	14.794	139	257178	115.823	ng		98
57) 2,4-Dinitrotoluene	14.947	165	210045	58.043	ng		90
58) Fluorene	15.634	166	649153	47.133	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.211	232	209490	56.624	ng		97
60) Diethylphthalate	15.417	149	674757	44.156	ng		98
61) 4-Chlorophenyl-phenyle...	15.628	204	338797	46.497	ng		97
62) 4-Nitroaniline	15.646	138	148487	53.470	ng		95
63) Azobenzene	15.928	77	665777	44.711	ng		96
65) 4,6-Dinitro-2-methylph...	15.705	198	124965	63.370	ng		95
66) n-Nitrosodiphenylamine	15.846	169	606495	46.266	ng		97
67) 4-Bromophenyl-phenylether	16.527	248	240637	51.688	ng		98
68) Hexachlorobenzene	16.639	284	271363	51.634	ng		99
69) Atrazine	16.798	200	231597	50.521	ng		98
70) Pentachlorophenol	16.980	266	374940	109.337	ng		98
71) Phenanthrene	17.373	178	1101664	46.176	ng		100
72) Anthracene	17.467	178	1136349	46.900	ng		100
73) Carbazole	17.732	167	981729	45.956	ng		99
74) Di-n-butylphthalate	18.313	149	1199538	45.040	ng		100
75) Fluoranthene	19.389	202	1319817	45.589	ng		97
77) Benzidine	19.565	184	489007	44.650	ng		97
78) Pyrene	19.747	202	1365680	46.950	ng		99
80) Butylbenzylphthalate	20.658	149	535101	50.429	ng		92
81) Benzo(a)anthracene	21.580	228	1403991	47.889	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	355187	35.880	ng		98
83) Chrysene	21.645	228	1335543	47.263	ng		98
84) Bis(2-ethylhexyl)phtha...	21.521	149	781836	46.228	ng		97
85) Di-n-octyl phthalate	22.720	149	1373338	49.845	ng		99
87) Indeno(1,2,3-cd)pyrene	28.313	276	1751554	49.966	ng	#	96
88) Benzo(b)fluoranthene	23.748	252	1411761	49.366	ng		98
89) Benzo(k)fluoranthene	23.819	252	1369039	46.771	ng		98
90) Benzo(a)pyrene	24.594	252	1325963	47.711	ng		98
91) Dibenzo(a,h)anthracene	28.384	278	1433202	48.501	ng		97
92) Benzo(g,h,i)perylene	29.412	276	1329743	46.259	ng		97

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

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