Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112423\
Data File : BG059873.D
Acq On : 25 Nov 2023 1:06
Operator : MA/JU
Sample : 05408-05MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Nov 25 02:00:16 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 24 15:11:07 2023
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
710-ELIZABETH-AVEMSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/27/2023
Supervised By :mohammad ahmed 11/28/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.321	152	36885	20.000	ng		0.00
21) Naphthalene-d8	11.164	136	177862	20.000	ng	#	0.00
39) Acenaphthene-d10	14.948	164	143735	20.000	ng	#	0.00
64) Phenanthrene-d10	17.704	188	338628	20.000	ng	#	0.00
76) Chrysene-d12	22.022	240	255359	20.000	ng		-0.01
86) Perylene-d12	25.589	264	286279	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.812	112	143971	65.697	ng		0.00
7) Phenol-d6	7.445	99	228573	70.384	ng		0.00
23) Nitrobenzene-d5	9.519	82	247339	53.111	ng		0.00
42) 2,4,6-Tribromophenol	16.440	330	180420	110.629	ng		0.00
45) 2-Fluorobiphenyl	13.573	172	565199	52.930	ng		0.00
79) Terphenyl-d14	20.277	244	1117231	64.588	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.638	88	28948	28.124	ng	#	91
3) Pyridine	4.061	79	80883	28.771	ng		97
4) n-Nitrosodimethylamine	3.984	42	69437	46.428	ng	#	74
6) Aniline	7.639	93	65725	15.336	ng		94
8) 2-Chlorophenol	7.868	128	114706	48.249	ng		94
9) Benzaldehyde	7.463	77	18446	8.403	ng		79
10) Phenol	7.469	94	142204	42.487	ng		96
11) bis(2-Chloroethyl)ether	7.733	93	70777	33.970	ng		82
12) 1,3-Dichlorobenzene	8.197	146	109573	41.493	ng		94
13) 1,4-Dichlorobenzene	8.356	146	134272	50.633	ng		94
14) 1,2-Dichlorobenzene	8.673	146	120708m	45.816	ng		
15) Benzyl Alcohol	8.561	79	185151	49.997	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.820	45	36382m	47.461	ng		
17) 2-Methylphenol	8.749	107	123355	50.037	ng		94
18) Hexachloroethane	9.408	117	56217	49.947	ng		92
19) n-Nitroso-di-n-propyla...	9.125	70	110896	43.364	ng	#	93
20) 3+4-Methylphenols	9.078	107	170397	49.789	ng		91
22) Acetophenone	9.161	105	235447	46.757	ng	#	89
24) Nitrobenzene	9.566	77	198917	46.377	ng		96
25) Isophorone	10.071	82	341146	43.634	ng		98
26) 2-Nitrophenol	10.271	139	78314	49.803	ng		86
27) 2,4-Dimethylphenol	10.295	122	130933	40.952	ng		95
28) bis(2-Chloroethoxy)met...	10.553	93	134654	45.832	ng		93
29) 2,4-Dichlorophenol	10.800	162	146588	53.702	ng		88
30) 1,2,4-Trichlorobenzene	11.012	180	140129	50.795	ng	#	90
31) Naphthalene	11.217	128	433005	48.415	ng		97
32) Benzoic acid	10.430	122	112026	51.486	ng		83
33) 4-Chloroaniline	11.335	127	36851	9.687	ng	#	87
34) Hexachlorobutadiene	11.446	225	94755	50.467	ng	#	86
35) Caprolactam	12.134	113	46087m	46.197	ng		
36) 4-Chloro-3-methylphenol	12.416	107	197163	54.311	ng	#	96
37) 2-Methylnaphthalene	12.798	142	333080	44.218	ng	#	73
38) 1-Methylnaphthalene	13.015	142	321418	46.270	ng		95
40) 1,2,4,5-Tetrachloroben...	13.144	216	176155	45.380	ng		98
41) Hexachlorocyclopentadiene	13.091	237	209728	86.132	ng		94
43) 2,4,6-Trichlorophenol	13.385	196	128574	47.631	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.462	196	138365	43.624	ng	#	93
46) 1,1'-Biphenyl	13.791	154	494361	43.818	ng		95
47) 2-Chloronaphthalene	13.843	162	348860	45.002	ng		94
48) 2-Nitroaniline	14.061	65	129582	46.819	ng		93
49) Acenaphthylene	14.684	152	626150	47.371	ng	#	95
50) Dimethylphthalate	14.396	163	502323	45.097	ng		99
51) 2,6-Dinitrotoluene	14.543	165	97254	46.025	ng		87
52) Acenaphthene	15.019	154	388754	48.904	ng		96
53) 3-Nitroaniline	14.878	138	54803	22.157	ng	#	74
54) 2,4-Dinitrophenol	15.077	184	146998	93.616	ng	#	58
55) Dibenzofuran	15.348	168	655054	49.979	ng		92
56) 4-Nitrophenol	15.160	139	175972	92.993	ng	#	79
57) 2,4-Dinitrotoluene	15.318	165	165941	51.065	ng	#	97
58) Fluorene	15.994	166	555068	50.975	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.559	232	142773m	51.208	ng		
60) Diethylphthalate	15.735	149	627502	52.527	ng		96
61) 4-Chlorophenyl-phenyle...	15.976	204	287550	51.305	ng		93
62) 4-Nitroaniline	16.041	138	103771	41.862	ng		98
63) Azobenzene	16.270	77	637980	48.057	ng		95
65) 4,6-Dinitro-2-methylph...	16.064	198	91415	44.174	ng		83
66) n-Nitrosodiphenylamine	16.200	169	502021	50.750	ng		96
67) 4-Bromophenyl-phenylether	16.875	248	193489	53.187	ng		94
68) Hexachlorobenzene	16.969	284	191434	56.381	ng		95
69) Atrazine	17.128	200	203787	64.255	ng		94
70) Pentachlorophenol	17.328	266	239509	92.461	ng		99
71) Phenanthrene	17.745	178	863014	50.127	ng		97
72) Anthracene	17.839	178	861117	48.138	ng		98
73) Carbazole	18.115	167	723618	46.304	ng		96
74) Di-n-butylphthalate	18.614	149	914244	48.398	ng		98
75) Fluoranthene	19.737	202	930290	45.057	ng		96
77) Benzidine	19.925	184	174323m	30.105	ng		
78) Pyrene	20.101	202	912499	52.520	ng		98
80) Butylbenzylphthalate	20.953	149	358325	50.296	ng		95
81) Benzo(a)anthracene	22.005	228	851618	48.741	ng		95
82) 3,3'-Dichlorobenzidine	21.910	252	166946	25.647	ng		94
83) Chrysene	22.075	228	752157	46.960	ng		94
84) Bis(2-ethylhexyl)phtha...	21.828	149	476477	47.843	ng	#	98
85) Di-n-octyl phthalate	23.150	149	785266	40.958	ng	#	96
87) Indeno(1,2,3-cd)pyrene	29.731	276	1018400	47.014	ng	#	82
88) Benzo(b)fluoranthene	24.437	252	880527	56.118	ng		98
89) Benzo(k)fluoranthene	24.513	252	790664	50.970	ng	#	96
90) Benzo(a)pyrene	25.424	252	736139	43.960	ng	#	99
91) Dibenzo(a,h)anthracene	29.825	278	862527	47.064	ng	#	92
92) Benzo(g,h,i)perylene	31.059	276	788269	45.331	ng	#	96

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

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