Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060690.D
Acq On : 20 Mar 2024 13:54
Operator : MA/JU
Sample : P1616-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 21 01:18:50 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

Instrument :
BNA_G
ClientSampleId :
196-BAY-AVENUEMSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.294	152	71159	20.000	ng		0.00
21) Naphthalene-d8	11.138	136	297348	20.000	ng		0.00
39) Acenaphthene-d10	14.928	164	224973	20.000	ng		0.00
64) Phenanthrene-d10	17.677	188	563224	20.000	ng		0.00
76) Chrysene-d12	21.996	240	555986	20.000	ng		0.00
86) Perylene-d12	25.533	264	656966	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.785	112	523356	115.616	ng		0.00
7) Phenol-d6	7.413	99	828926	126.237	ng		0.00
23) Nitrobenzene-d5	9.493	82	635907	111.300	ng		0.00
42) 2,4,6-Tribromophenol	16.414	330	491969	188.713	ng		0.00
45) 2-Fluorobiphenyl	13.547	172	1442885	86.714	ng		0.00
79) Terphenyl-d14	20.257	244	2712558	88.187	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.629	88	80091	42.269	ng	#	40
3) Pyridine	4.052	79	188020	33.575	ng		94
4) n-Nitrosodimethylamine	3.964	42	127280	46.333	ng		99
6) Aniline	7.619	93	116531	14.523	ng		92
8) 2-Chlorophenol	7.842	128	230845	46.651	ng		99
9) Benzaldehyde	7.436	77	37789	10.280	ng		95
10) Phenol	7.442	94	280385	42.556	ng		96
11) bis(2-Chloroethyl)ether	7.707	93	214764	40.890	ng		93
12) 1,3-Dichlorobenzene	8.171	146	243532	45.638	ng		96
13) 1,4-Dichlorobenzene	8.330	146	260374	48.136	ng		98
14) 1,2-Dichlorobenzene	8.647	146	244972	45.600	ng		98
15) Benzyl Alcohol	8.535	79	243258	46.858	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.794	45	425831	41.762	ng		99
17) 2-Methylphenol	8.711	107	215694	42.633	ng		96
18) Hexachloroethane	9.375	117	89511	48.443	ng		95
19) n-Nitroso-di-n-propyla...	9.099	70	204341	44.894	ng		98
20) 3+4-Methylphenols	9.046	107	315581	46.249	ng		97
22) Acetophenone	9.134	105	411045	51.561	ng	#	98
24) Nitrobenzene	9.534	77	301396	52.765	ng		96
25) Isophorone	10.039	82	594617	51.998	ng		97
26) 2-Nitrophenol	10.245	139	115797	49.951	ng		94
27) 2,4-Dimethylphenol	10.268	122	197330	38.988	ng		99
28) bis(2-Chloroethoxy)met...	10.527	93	307656	44.878	ng		98
29) 2,4-Dichlorophenol	10.762	162	228107	50.216	ng		97
30) 1,2,4-Trichlorobenzene	10.985	180	224901	46.630	ng		96
31) Naphthalene	11.191	128	758696	45.682	ng		100
32) Benzoic acid	10.380	122	163528	49.020	ng		96
33) 4-Chloroaniline	11.308	127	19965	2.851	ng		95
34) Hexachlorobutadiene	11.420	225	155888	47.385	ng		93
35) Caprolactam	12.102	113	81502m	53.300	ng		
36) 4-Chloro-3-methylphenol	12.378	107	305147	54.815	ng		95
37) 2-Methylnaphthalene	12.771	142	538782	46.969	ng		99
38) 1-Methylnaphthalene	12.989	142	503924	46.803	ng		98
40) 1,2,4,5-Tetrachloroben...	13.118	216	292724	42.369	ng		100
41) Hexachlorocyclopentadiene	13.065	237	281217	82.771	ng		96
43) 2,4,6-Trichlorophenol	13.353	196	220252	49.648	ng		97

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44) 2,4,5-Trichlorophenol	13.429	196	247320	47.127	ng		97
46) 1,1'-Biphenyl	13.764	154	752966	44.032	ng		99
47) 2-Chloronaphthalene	13.817	162	596793	46.242	ng		96
48) 2-Nitroaniline	14.029	65	221248	51.942	ng		96
49) Acenaphthylene	14.657	152	1037552	49.350	ng		98
50) Dimethylphthalate	14.370	163	854831	50.664	ng		99
51) 2,6-Dinitrotoluene	14.511	165	172777	55.574	ng		94
52) Acenaphthene	14.992	154	573340	45.635	ng		100
53) 3-Nitroaniline	14.851	138	28662	8.007	ng		83
54) 2,4-Dinitrophenol	15.045	184	203084	123.524	ng		90
55) Dibenzofuran	15.321	168	980901	48.221	ng		100
56) 4-Nitrophenol	15.122	139	327650	122.662	ng		99
57) 2,4-Dinitrotoluene	15.292	165	253610	64.844	ng		96
58) Fluorene	15.968	166	810030	49.771	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.527	232	235277m	53.759	ng		
60) Diethylphthalate	15.715	149	902602	51.992	ng		100
61) 4-Chlorophenyl-phenyle...	15.950	204	391824	47.529	ng		98
62) 4-Nitroaniline	16.015	138	184241m	50.261	ng		
63) Azobenzene	16.250	77	899574	50.070	ng		97
65) 4,6-Dinitro-2-methylph...	16.038	198	143313	55.476	ng		98
66) n-Nitrosodiphenylamine	16.173	169	758803	43.048	ng		98
67) 4-Bromophenyl-phenylether	16.849	248	279883	46.082	ng		98
68) Hexachlorobenzene	16.943	284	331110	47.416	ng		98
69) Atrazine	17.108	200	253465	42.992	ng		99
70) Pentachlorophenol	17.296	266	458465	101.295	ng		97
71) Phenanthrene	17.719	178	1409447	46.456	ng		99
72) Anthracene	17.813	178	1436679	46.834	ng		100
73) Carbazole	18.089	167	1357360	50.888	ng		100
74) Di-n-butylphthalate	18.594	149	1681694	51.736	ng		99
75) Fluoranthene	19.710	202	1693088	50.449	ng		99
77) Benzidine	19.922	184	129355m	9.512	ng		
78) Pyrene	20.075	202	1780711	45.894	ng		99
80) Butylbenzylphthalate	20.932	149	773450	52.729	ng		98
81) Benzo(a)anthracene	21.972	228	1826691	47.717	ng		99
82) 3,3'-Dichlorobenzidine	21.884	252	173702	13.462	ng		95
83) Chrysene	22.043	228	1740206	46.817	ng		99
84) Bis(2-ethylhexyl)phtha...	21.808	149	1134455	52.359	ng		99
85) Di-n-octyl phthalate	23.130	149	2004179	56.172	ng		98
87) Indeno(1,2,3-cd)pyrene	29.634	276	2282271	50.929	ng	#	93
88) Benzo(b)fluoranthene	24.387	252	1842658	50.984	ng		100
89) Benzo(k)fluoranthene	24.464	252	1811069	47.697	ng		100
90) Benzo(a)pyrene	25.363	252	1730834	48.847	ng		99
91) Dibenzo(a,h)anthracene	29.728	278	1891738	49.728	ng		97
92) Benzo(g,h,i)perylene	30.950	276	1741702	47.287	ng		98

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

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