Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090624\
Data File : BG062684.D
Acq On : 6 Sep 2024 17:04
Operator : MA/JU
Sample : P3857-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-C2-COMPMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 17:52:39 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	7.907	152	82599	20.000	ng		-0.01
21) Naphthalene-d8	10.698	136	326548	20.000	ng		-0.02
39) Acenaphthene-d10	14.535	164	249093	20.000	ng		-0.01
64) Phenanthrene-d10	17.278	188	621734	20.000	ng		-0.01
76) Chrysene-d12	21.526	240	619672	20.000	ng		0.00
86) Perylene-d12	24.588	264	726331	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	425432	89.030	ng		-0.01
7) Phenol-d6	7.079	99	619733	89.774	ng		-0.01
23) Nitrobenzene-d5	9.065	82	382908	63.152	ng		-0.01
42) 2,4,6-Tribromophenol	16.027	330	393469	112.243	ng		0.00
45) 2-Fluorobiphenyl	13.154	172	987315	64.203	ng		-0.02
79) Terphenyl-d14	19.899	244	1999540	63.982	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.395	88	77243	38.802	ng		97
3) Pyridine	3.783	79	210424	36.687	ng		99
4) n-Nitrosodimethylamine	3.700	42	121638	43.622	ng		93
6) Aniline	7.231	93	241888	37.504	ng		96
8) 2-Chlorophenol	7.472	128	243637	47.490	ng		96
9) Benzaldehyde	7.043	77	64768	16.129	ng		98
10) Phenol	7.102	94	326815	46.764	ng		97
11) bis(2-Chloroethyl)ether	7.331	93	224608	41.978	ng		99
12) 1,3-Dichlorobenzene	7.795	146	248799	44.192	ng		99
13) 1,4-Dichlorobenzene	7.942	146	256027	44.189	ng		99
14) 1,2-Dichlorobenzene	8.260	146	247970	43.541	ng		99
15) Benzyl Alcohol	8.142	79	240514	47.088	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.424	45	410873	40.291	ng		99
17) 2-Methylphenol	8.348	107	217522	44.653	ng		97
18) Hexachloroethane	8.988	117	94344	43.427	ng		92
19) n-Nitroso-di-n-propyla...	8.706	70	205109	37.706	ng		98
20) 3+4-Methylphenols	8.677	107	300869	41.864	ng		99
22) Acetophenone	8.724	105	380324	43.173	ng	#	97
24) Nitrobenzene	9.106	77	294520	45.684	ng		98
25) Isophorone	9.623	82	547508	41.136	ng		98
26) 2-Nitrophenol	9.811	139	130983	53.771	ng		99
27) 2,4-Dimethylphenol	9.875	122	208882	58.523	ng		96
28) bis(2-Chloroethoxy)met...	10.110	93	317971	44.627	ng		99
29) 2,4-Dichlorophenol	10.345	162	268103	53.723	ng		97
30) 1,2,4-Trichlorobenzene	10.563	180	283019	47.840	ng		99
31) Naphthalene	10.751	128	768039	47.452	ng		98
32) Benzoic acid	10.011	122	161424	42.051	ng		97
33) 4-Chloroaniline	10.857	127	124474	19.542	ng		98
34) Hexachlorobutadiene	11.039	225	207262	50.162	ng		97
35) Caprolactam	11.626	113	84338m	43.838	ng		
36) 4-Chloro-3-methylphenol	11.985	107	282759	46.973	ng		98
37) 2-Methylnaphthalene	12.361	142	584066	46.525	ng		99
38) 1-Methylnaphthalene	12.578	142	546543	43.358	ng		99
40) 1,2,4,5-Tetrachloroben...	12.725	216	382519	51.064	ng		99
41) Hexachlorocyclopentadiene	12.707	237	420596	196.788	ng		96
43) 2,4,6-Trichlorophenol	12.966	196	261703	55.109	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.036	196	287715	53.499	ng		98
46) 1,1'-Biphenyl	13.365	154	796040	47.902	ng		99
47) 2-Chloronaphthalene	13.407	162	646139	47.975	ng		99
48) 2-Nitroaniline	13.612	65	202009	57.027	ng		98
49) Acenaphthylene	14.258	152	1041603	52.224	ng		98
50) Dimethylphthalate	13.994	163	861190	47.281	ng		100
51) 2,6-Dinitrotoluene	14.106	165	181804	52.770	ng		96
52) Acenaphthene	14.599	154	627252	50.309	ng		97
53) 3-Nitroaniline	14.435	138	115580	34.671	ng		96
54) 2,4-Dinitrophenol	14.646	184	254270	131.514	ng		96
55) Dibenzofuran	14.934	168	1075710	50.309	ng		96
56) 4-Nitrophenol	14.752	139	308887	109.334	ng		96
57) 2,4-Dinitrotoluene	14.899	165	263267	56.006	ng		93
58) Fluorene	15.586	166	824791	49.151	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.163	232	288242	56.578	ng		95
60) Diethylphthalate	15.357	149	850025	47.085	ng		98
61) 4-Chlorophenyl-phenyle...	15.575	204	478553	49.676	ng		96
62) 4-Nitroaniline	15.604	138	188932	51.400	ng		96
63) Azobenzene	15.868	77	863943	50.965	ng		99
65) 4,6-Dinitro-2-methylph...	15.663	198	170808	61.562	ng		93
66) n-Nitrosodiphenylamine	15.792	169	751689	50.287	ng		99
67) 4-Bromophenyl-phenylether	16.474	248	331981	51.737	ng		93
68) Hexachlorobenzene	16.591	284	392011	51.586	ng	#	94
69) Atrazine	16.744	200	325897	64.189	ng		98
70) Pentachlorophenol	16.932	266	502135	103.167	ng		97
71) Phenanthrene	17.325	178	1547354	53.320	ng		99
72) Anthracene	17.414	178	1496145	52.436	ng		99
73) Carbazole	17.684	167	1268681	48.367	ng		99
74) Di-n-butylphthalate	18.248	149	1462891	49.453	ng		100
75) Fluoranthene	19.335	202	1878709	51.187	ng		98
77) Benzidine	19.517	184	763730	68.380	ng		100
78) Pyrene	19.699	202	1933224	49.079	ng		99
80) Butylbenzylphthalate	20.592	149	629883	54.441	ng		98
81) Benzo(a)anthracene	21.509	228	1981775	50.706	ng		100
82) 3,3'-Dichlorobenzidine	21.427	252	376020	29.533	ng		98
83) Chrysene	21.573	228	1896379	50.655	ng		99
84) Bis(2-ethylhexyl)phtha...	21.427	149	908200	51.669	ng	#	95
85) Di-n-octyl phthalate	22.584	149	1602513	52.070	ng		99
87) Indeno(1,2,3-cd)pyrene	28.060	276	2454063	52.692	ng		97
88) Benzo(b)fluoranthene	23.624	252	2022752	50.420	ng		98
89) Benzo(k)fluoranthene	23.689	252	1934737	49.301	ng		99
90) Benzo(a)pyrene	24.452	252	1881387	53.084	ng		97
91) Dibenzo(a,h)anthracene	28.119	278	1981984	51.659	ng		98
92) Benzo(g,h,i)perylene	29.135	276	1843439	47.650	ng		98

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

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