Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
Data File : BG061016.D
Acq On : 23 Apr 2024 20:44
Operator : MA/JU
Sample : P2189-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SILICAMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 04/26/2024
Supervised By :mohammad ahmed 04/27/2024

Quant Time: Apr 24 00:17:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 22 04:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.943	152	26292	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	99997	20.000	ng	#	0.00
39) Acenaphthene-d10	14.571	164	80046	20.000	ng		0.00
64) Phenanthrene-d10	17.321	188	191712	20.000	ng		0.00
76) Chrysene-d12	21.580	240	191168	20.000	ng		0.00
86) Perylene-d12	24.706	264	233270	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	121670	93.606	ng		0.01
7) Phenol-d6	7.168	99	115134m	59.699	ng		0.06
23) Nitrobenzene-d5	9.101	82	125479	56.378	ng		0.00
42) 2,4,6-Tribromophenol	16.063	330	189502	107.809	ng		0.00
45) 2-Fluorobiphenyl	13.196	172	389574	67.358	ng		0.00
79) Terphenyl-d14	19.941	244	933746	75.818	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.460	88	13419	29.830	ng	#	19
3) Pyridine	3.854	79	26993	19.412	ng		96
4) n-Nitrosodimethylamine	3.760	42	41081	32.848	ng	#	97
6) Aniline	7.274	93	12271	5.294	ng	#	91
8) 2-Chlorophenol	7.520	128	52259	32.267	ng		92
9) Benzaldehyde	7.080	77	2592	2.613	ng		95
10) Phenol	7.197	94	42227m	22.038	ng		
11) bis(2-Chloroethyl)ether	7.368	93	39158	28.564	ng		95
12) 1,3-Dichlorobenzene	7.832	146	56146	31.261	ng		96
13) 1,4-Dichlorobenzene	7.979	146	57340	30.995	ng		99
14) 1,2-Dichlorobenzene	8.296	146	53998	29.867	ng		95
15) Benzyl Alcohol	8.184	79	56420	30.985	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.460	45	82851	27.763	ng		87
17) 2-Methylphenol	8.437	107	37621m	24.317	ng		
18) Hexachloroethane	9.024	117	20487	30.733	ng		95
19) n-Nitroso-di-n-propyla...	8.748	70	38086	26.499	ng	#	97
20) 3+4-Methylphenols	8.778	107	59171m	27.347	ng		
22) Acetophenone	8.760	105	84887	30.401	ng		98
24) Nitrobenzene	9.142	77	61857	28.923	ng		100
25) Isophorone	9.659	82	109741	29.463	ng		97
26) 2-Nitrophenol	9.853	139	31944	31.780	ng		98
27) 2,4-Dimethylphenol	9.976	122	45955	28.524	ng		99
28) bis(2-Chloroethoxy)met...	10.147	93	59152	30.189	ng	#	94
29) 2,4-Dichlorophenol	10.470	162	67656	36.385	ng		98
30) 1,2,4-Trichlorobenzene	10.599	180	71022	34.618	ng		93
31) Naphthalene	10.787	128	175374	32.034	ng		97
32) Benzoic acid	10.153	122	45039m	36.690	ng		
33) 4-Chloroaniline	10.905	127	18933	7.613	ng	#	93
34) Hexachlorobutadiene	11.075	225	58590	32.473	ng		96
35) Caprolactam	11.680	113	17948	30.304	ng	#	73
36) 4-Chloro-3-methylphenol	12.115	107	82115	37.864	ng		92
37) 2-Methylnaphthalene	12.397	142	135598	31.502	ng		97
38) 1-Methylnaphthalene	12.620	142	124397m	30.969	ng		
40) 1,2,4,5-Tetrachloroben...	12.773	216	106950	37.597	ng		99
41) Hexachlorocyclopentadiene	12.755	237	68328	40.822	ng		97
43) 2,4,6-Trichlorophenol	13.008	196	75259	40.247	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.090	196	83710	37.845	ng		97
46) 1,1'-Biphenyl	13.408	154	200347	37.158	ng		98
47) 2-Chloronaphthalene	13.449	162	158479	38.335	ng		95
48) 2-Nitroaniline	13.648	65	62263	37.318	ng		96
49) Acenaphthylene	14.295	152	250280	35.947	ng		99
50) Dimethylphthalate	14.030	163	239182	36.236	ng		98
51) 2,6-Dinitrotoluene	14.142	165	50412	36.603	ng		98
52) Acenaphthene	14.635	154	152984	36.161	ng		96
53) 3-Nitroaniline	14.471	138	31412	23.130	ng		97
54) 2,4-Dinitrophenol	14.682	184	34387	41.223	ng		89
55) Dibenzofuran	14.970	168	268354	36.734	ng		98
56) 4-Nitrophenol	14.794	139	73109	75.142	ng		97
57) 2,4-Dinitrotoluene	14.935	165	74091	37.352	ng		93
58) Fluorene	15.623	166	228255	37.018	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.200	232	85368	38.239	ng		100
60) Diethylphthalate	15.399	149	228812	35.200	ng		97
61) 4-Chlorophenyl-phenyle...	15.617	204	136578	35.914	ng		96
62) 4-Nitroaniline	15.634	138	44263	30.227	ng		93
63) Azobenzene	15.910	77	190008	35.937	ng		96
65) 4,6-Dinitro-2-methylph...	15.699	198	29409	24.844	ng		96
66) n-Nitrosodiphenylamine	15.828	169	207712	39.326	ng		99
67) 4-Bromophenyl-phenylether	16.510	248	101654	40.177	ng		99
68) Hexachlorobenzene	16.627	284	123705	44.264	ng		98
69) Atrazine	16.780	200	71011	35.922	ng		93
70) Pentachlorophenol	16.974	266	155967	85.109	ng		97
71) Phenanthrene	17.362	178	397010	40.571	ng		98
72) Anthracene	17.456	178	376343	37.342	ng		100
73) Carbazole	17.720	167	337652	40.340	ng		99
74) Di-n-butylphthalate	18.290	149	388353	38.216	ng		100
75) Fluoranthene	19.377	202	513224	39.519	ng		98
77) Benzidine	19.553	184	69340	19.576	ng		99
78) Pyrene	19.735	202	524985	40.332	ng		99
80) Butylbenzylphthalate	20.634	149	170572	39.316	ng		96
81) Benzo(a)anthracene	21.563	228	555777	41.352	ng		99
82) 3,3'-Dichlorobenzidine	21.480	252	157339	32.393	ng		99
83) Chrysene	21.627	228	522627	40.842	ng		100
84) Bis(2-ethylhexyl)phtha...	21.486	149	241537	38.293	ng		99
85) Di-n-octyl phthalate	22.673	149	406280	38.796	ng		98
87) Indeno(1,2,3-cd)pyrene	28.255	276	651464	40.258	ng	#	89
88) Benzo(b)fluoranthene	23.719	252	561229	42.455	ng		100
89) Benzo(k)fluoranthene	23.789	252	543268	40.711	ng		99
90) Benzo(a)pyrene	24.559	252	482567	37.714	ng		99
91) Dibenzo(a,h)anthracene	28.331	278	558833	42.269	ng		96
92) Benzo(g,h,i)perylene	29.359	276	459504	35.053	ng		100

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

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