Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031622\
Data File : BM034261.D
Acq On : 16 Mar 2022 17:22
Operator : CG/JU
Sample : N1645-08
Misc : LOQ-WATER 10ppn
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Mar 16 18:16:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 16 02:38:26 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.948	152	185688	20.000	ng		0.00
21) Naphthalene-d8	10.760	136	731497	20.000	ng		0.00
39) Acenaphthene-d10	14.589	164	462327	20.000	ng		0.00
64) Phenanthrene-d10	17.324	188	890463	20.000	ng		0.00
76) Chrysene-d12	21.494	240	807194	20.000	ng		0.00
86) Perylene-d12	23.912	264	802865	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.495	112	968990	93.616	ng		0.00
7) Phenol-d6	7.101	99	1329912	89.739	ng		0.00
23) Nitrobenzene-d5	9.107	82	1001054	66.628	ng		0.00
42) 2,4,6-Tribromophenol	16.071	330	582469	93.471	ng		0.00
45) 2-Fluorobiphenyl	13.218	172	2302345	68.050	ng		0.00
79) Terphenyl-d14	19.942	244	3248824	69.936	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	41167	8.790	ng		97
3) Pyridine	3.766	79	94512	7.458	ng		96
4) n-Nitrosodimethylamine	3.672	42	53536	8.897	ng		95
6) Aniline	7.266	93	154440	9.119	ng		99
8) 2-Chlorophenol	7.507	128	103185	8.523	ng		96
9) Benzaldehyde	7.078	77	95879m	12.008	ng		
10) Phenol	7.131	94	123490	8.378	ng		98
11) bis(2-Chloroethyl)ether	7.366	93	104387	8.628	ng		95
12) 1,3-Dichlorobenzene	7.836	146	122145	8.894	ng		97
13) 1,4-Dichlorobenzene	7.984	146	124043	8.823	ng		99
14) 1,2-Dichlorobenzene	8.301	146	115937	8.459	ng		98
15) Benzyl Alcohol	8.184	79	89387	7.579	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	143765	8.659	ng		98
17) 2-Methylphenol	8.389	107	79883	7.738	ng		98
18) Hexachloroethane	9.036	117	44745	8.629	ng		94
19) n-Nitroso-di-n-propyla...	8.754	70	88561	8.262	ng		100
20) 3+4-Methylphenols	8.719	107	110742	7.757	ng		98
22) Acetophenone	8.772	105	161875	8.623	ng	#	97
24) Nitrobenzene	9.154	77	129212	9.211	ng		99
25) Isophorone	9.678	82	228031	9.070	ng		98
26) 2-Nitrophenol	9.866	139	47488	7.634	ng		97
27) 2,4-Dimethylphenol	9.925	122	91469	9.390	ng		98
28) bis(2-Chloroethoxy)met...	10.166	93	138055	8.577	ng		98
29) 2,4-Dichlorophenol	10.401	162	91874	8.118	ng		99
30) 1,2,4-Trichlorobenzene	10.625	180	111505	8.668	ng		99
31) Naphthalene	10.813	128	334058	8.766	ng		99
32) Benzoic acid	10.007	122	58967	7.321	ng		95
33) 4-Chloroaniline	10.913	127	124128	8.257	ng		98
34) Hexachlorobutadiene	11.107	225	71143	8.731	ng		97
35) Caprolactam	11.672	113	27559	7.005	ng		99
36) 4-Chloro-3-methylphenol	12.036	107	101580	7.832	ng		99
37) 2-Methylnaphthalene	12.419	142	234913	8.639	ng		98
38) 1-Methylnaphthalene	12.636	142	226537	8.516	ng		96
40) 1,2,4,5-Tetrachloroben...	12.789	216	126367	9.057	ng		99
41) Hexachlorocyclopentadiene	12.771	237	101045	12.508	ng		99
43) 2,4,6-Trichlorophenol	13.024	196	77124	8.007	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.089	196	80272	7.764	ng	98
46)	1,1'-Biphenyl	13.424	154	318458	9.034	ng	100
47)	2-Chloronaphthalene	13.466	162	238868	8.828	ng	99
48)	2-Nitroaniline	13.660	65	62220	7.521	ng	96
49)	Acenaphthylene	14.307	152	385468	9.140	ng	100
50)	Dimethylphthalate	14.042	163	297596	8.457	ng	99
51)	2,6-Dinitrotoluene	14.154	165	61848	8.569	ng	99
52)	Acenaphthene	14.648	154	248594	8.751	ng	98
53)	3-Nitroaniline	14.483	138	51548	7.119	ng	93
54)	2,4-Dinitrophenol	14.689	184	35346	8.741	ng	99
55)	Dibenzofuran	14.983	168	364483	8.610	ng	97
56)	4-Nitrophenol	14.783	139	68497	11.669	ng	96
57)	2,4-Dinitrotoluene	14.936	165	77711	7.966	ng	98
58)	Fluorene	15.630	166	286533	8.337	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.207	232	74370	7.977	ng	99
60)	Diethylphthalate	15.401	149	304450	8.433	ng	99
61)	4-Chlorophenyl-phenyle...	15.624	204	147185	8.388	ng	99
62)	4-Nitroaniline	15.636	138	45292m	6.502	ng	
63)	Azobenzene	15.918	77	285201	8.193	ng	98
65)	4,6-Dinitro-2-methylph...	15.701	198	51167	8.837	ng	98
66)	n-Nitrosodiphenylamine	15.836	169	244236	8.633	ng	99
67)	4-Bromophenyl-phenylether	16.518	248	87381	8.536	ng	97
68)	Hexachlorobenzene	16.636	284	102052	8.938	ng	96
69)	Atrazine	16.783	200	85352	9.153	ng	99
70)	Pentachlorophenol	16.977	266	71366	9.774	ng	97
71)	Phenanthrene	17.365	178	435519	8.733	ng	99
72)	Anthracene	17.459	178	426020	8.777	ng	99
73)	Carbazole	17.724	167	346294	7.650	ng	99
74)	Di-n-butylphthalate	18.295	149	460765	8.188	ng	99
75)	Fluoranthene	19.377	202	470076	8.409	ng	99
77)	Benzidine	19.565	184	118093m	9.983	ng	
78)	Pyrene	19.736	202	495201	8.707	ng	99
80)	Butylbenzylphthalate	20.636	149	182521	7.589	ng	99
81)	Benzo(a)anthracene	21.477	228	437020	8.578	ng	99
82)	3,3'-Dichlorobenzidine	21.412	252	135509	7.963	ng	98
83)	Chrysene	21.530	228	439718	8.452	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.412	149	280878	7.908	ng	99
85)	Di-n-octyl phthalate	22.336	149	446969	7.928	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.424	276	424713	8.223	ng	98
88)	Benzo(b)fluoranthene	23.171	252	402746	8.389	ng	99
89)	Benzo(k)fluoranthene	23.224	252	478442	9.408	ng	97
90)	Benzo(a)pyrene	23.800	252	392413	9.642	ng	99
91)	Dibenzo(a,h)anthracene	26.447	278	335902	8.021	ng	99
92)	Benzo(g,h,i)perylene	27.194	276	399670	9.220	ng	99

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

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