Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121322\
Data File : BP013098.D
Acq On : 13 Dec 2022 14:09
Operator : CG/JU
Sample : N4955-08
Misc : LOQ-WATER-5ppm
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT4-2022

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/14/2022
Supervised By :mohammad ahmed 12/14/2022

Quant Time: Dec 14 04:57:26 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 14 04:56:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	532112	20.000	ng		0.00
21) Naphthalene-d8	10.781	136	2123106	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	1410490	20.000	ng		0.00
64) Phenanthrene-d10	17.369	188	3167802	20.000	ng		0.01
76) Chrysene-d12	21.457	240	2963259	20.000	ng		0.01
86) Perylene-d12	23.951	264	2827326	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	2901113	99.617	ng		0.00
7) Phenol-d6	7.122	99	3780680	99.407	ng		0.00
23) Nitrobenzene-d5	9.134	82	2768793	71.495	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	1953397	114.865	ng		0.00
45) 2-Fluorobiphenyl	13.234	172	7191324	69.226	ng		0.00
79) Terphenyl-d14	19.922	244	11028495	73.425	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	60569	4.694	ng		99
3) Pyridine	3.799	79	173340	4.730	ng		97
4) n-Nitrosodimethylamine	3.699	42	88534	5.391	ng	#	92
6) Aniline	7.287	93	277557	6.027	ng		98
8) 2-Chlorophenol	7.522	128	187416	5.459	ng		95
9) Benzaldehyde	7.099	77	133437m	5.847	ng		
10) Phenol	7.146	94	230776	5.421	ng		94
11) bis(2-Chloroethyl)ether	7.387	93	190745	5.565	ng		97
12) 1,3-Dichlorobenzene	7.852	146	216362	5.417	ng		97
13) 1,4-Dichlorobenzene	7.999	146	222703	5.474	ng		99
14) 1,2-Dichlorobenzene	8.322	146	211093	5.467	ng		97
15) Benzyl Alcohol	8.205	79	147490	5.346	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.499	45	289376	5.829	ng		97
17) 2-Methylphenol	8.410	107	141262	5.020	ng		96
18) Hexachloroethane	9.052	117	73088	5.305	ng		96
19) n-Nitroso-di-n-propyla...	8.775	70	142338	5.763	ng		98
20) 3+4-Methylphenols	8.734	107	186530	4.876	ng		97
22) Acetophenone	8.793	105	248398	4.702	ng	#	98
24) Nitrobenzene	9.175	77	225376	5.584	ng		99
25) Isophorone	9.704	82	372998	5.671	ng		100
26) 2-Nitrophenol	9.893	139	80326	4.348	ng		95
27) 2,4-Dimethylphenol	9.946	122	158300	5.688	ng		98
28) bis(2-Chloroethoxy)met...	10.187	93	260965	6.187	ng		98
29) 2,4-Dichlorophenol	10.422	162	164213	4.781	ng		99
30) 1,2,4-Trichlorobenzene	10.646	180	212508	5.242	ng		99
31) Naphthalene	10.834	128	618924	5.324	ng		99
32) Benzoic acid	10.010	122	50178	2.285	ng		95
33) 4-Chloroaniline	10.946	127	232895	5.372	ng		97
34) Hexachlorobutadiene	11.116	225	131752	5.094	ng		99
35) Caprolactam	11.728	113	38091	4.295	ng		96
36) 4-Chloro-3-methylphenol	12.057	107	167801	5.230	ng		97
37) 2-Methylnaphthalene	12.440	142	432020	5.526	ng		99
38) 1-Methylnaphthalene	12.657	142	420664	5.525	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	211969	4.212	ng		99
41) Hexachlorocyclopentadiene	12.781	237	117521	4.632	ng		95
43) 2,4,6-Trichlorophenol	13.040	196	142653	4.496	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	158616	4.627	ng		97
46) 1,1'-Biphenyl	13.445	154	513264	4.602	ng		99
47) 2-Chloronaphthalene	13.487	162	459932	5.189	ng		99
48) 2-Nitroaniline	13.692	65	95121	4.337	ng		93
49) Acenaphthylene	14.334	152	676746	5.190	ng		98
50) Dimethylphthalate	14.063	163	582092	5.642	ng		99
51) 2,6-Dinitrotoluene	14.187	165	105870	5.015	ng		91
52) Acenaphthene	14.675	154	433396	5.347	ng		100
53) 3-Nitroaniline	14.516	138	99792	4.636	ng	#	98
54) 2,4-Dinitrophenol	14.722	184	43412	3.451	ng		91
55) Dibenzofuran	15.010	168	730208	5.629	ng		99
56) 4-Nitrophenol	14.816	139	76111	4.314	ng		94
57) 2,4-Dinitrotoluene	14.975	165	123639	4.685	ng		90
58) Fluorene	15.657	166	572204	5.699	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.234	232	145442	4.963	ng		99
60) Diethylphthalate	15.428	149	553525	5.836	ng		98
61) 4-Chlorophenyl-phenyle...	15.651	204	306102	5.891	ng		97
62) 4-Nitroaniline	15.675	138	89851	4.472	ng		91
63) Azobenzene	15.945	77	483536	5.486	ng		96
65) 4,6-Dinitro-2-methylph...	15.734	198	65822	3.234	ng		83
66) n-Nitrosodiphenylamine	15.869	169	477369	4.827	ng		97
67) 4-Bromophenyl-phenylether	16.551	248	183567	4.901	ng		98
68) Hexachlorobenzene	16.669	284	220184	5.020	ng		99
69) Atrazine	16.822	200	130936	4.718	ng		97
70) Pentachlorophenol	17.016	266	104124	4.031	ng		96
71) Phenanthrene	17.410	178	935646	5.191	ng		98
72) Anthracene	17.504	178	861778	5.093	ng		99
73) Carbazole	17.775	167	773489	5.214	ng		100
74) Di-n-butylphthalate	18.316	149	804234	4.929	ng		100
75) Fluoranthene	19.375	202	1031274	5.315	ng		99
77) Benzidine	19.551	184	280058	6.654	ng		98
78) Pyrene	19.727	202	1107585	5.202	ng		98
80) Butylbenzylphthalate	20.592	149	304127	4.406	ng		97
81) Benzo(a)anthracene	21.439	228	1061374	5.240	ng		99
82) 3,3'-Dichlorobenzidine	21.369	252	264337	4.383	ng		100
83) Chrysene	21.498	228	1035927	5.243	ng		99
84) Bis(2-ethylhexyl)phtha...	21.351	149	410989	4.377	ng		98
85) Di-n-octyl phthalate	22.304	149	602318	3.820	ng		96
87) Indeno(1,2,3-cd)pyrene	26.556	276	903976	3.913	ng		99
88) Benzo(b)fluoranthene	23.186	252	973266	5.346	ng		100
89) Benzo(k)fluoranthene	23.233	252	960189	5.214	ng		100
90) Benzo(a)pyrene	23.839	252	801113	5.244	ng		99
91) Dibenzo(a,h)anthracene	26.568	278	792279	4.127	ng		99
92) Benzo(g,h,i)perylene	27.356	276	761279	4.002	ng		99

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

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