Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
Data File : BF140243.D
Acq On : 05 Nov 2024 17:56
Operator : RC/JU
Sample : P4368-08
Misc : LOQ-WATER-5 PPM
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 05 23:43:54 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 23:41:33 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-WATER-02-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2024
Supervised By :mohammad ahmed 11/06/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	202637	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	768910	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	457095	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	828291	20.000	ng		0.00
76) Chrysene-d12	14.057	240	518109	20.000	ng		0.00
86) Perylene-d12	15.568	264	435172	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1281166	104.776	ng		0.00
7) Phenol-d6	6.504	99	1700553	108.125	ng		0.00
23) Nitrobenzene-d5	7.440	82	1211236	78.319	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	527195	116.684	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2148579	75.058	ng		0.00
79) Terphenyl-d14	12.998	244	2353378	74.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	26441	4.703	ng		96
3) Pyridine	3.493	79	58103m	4.236	ng		
4) n-Nitrosodimethylamine	3.369	42	34798	4.394	ng	#	93
6) Aniline	6.540	93	86325	6.075	ng		99
8) 2-Chlorophenol	6.663	128	65613	5.128	ng		93
9) Benzaldehyde	6.428	77	59759	6.168	ng		96
10) Phenol	6.516	94	86143	5.157	ng	#	75
11) bis(2-Chloroethyl)ether	6.610	93	64932	5.117	ng		99
12) 1,3-Dichlorobenzene	6.816	146	74319	4.957	ng		98
13) 1,4-Dichlorobenzene	6.892	146	75107	4.967	ng		99
14) 1,2-Dichlorobenzene	7.045	146	71029	5.029	ng		98
15) Benzyl Alcohol	7.010	79	78116	6.443	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	108646	5.290	ng		98
17) 2-Methylphenol	7.116	107	53284	4.993	ng		98
18) Hexachloroethane	7.387	117	26785	4.755	ng		99
19) n-Nitroso-di-n-propyla...	7.281	70	51975	5.180	ng		99
20) 3+4-Methylphenols	7.269	107	68215	5.089	ng		98
22) Acetophenone	7.281	105	100614	5.278	ng		92
24) Nitrobenzene	7.457	77	79685	4.910	ng		98
25) Isophorone	7.687	82	132859	4.989	ng		99
26) 2-Nitrophenol	7.769	139	30640	4.747	ng		99
27) 2,4-Dimethylphenol	7.798	122	34262	3.901	ng		95
28) bis(2-Chloroethoxy)met...	7.898	93	80308	5.040	ng		98
29) 2,4-Dichlorophenol	8.010	162	54402	5.008	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	64674	4.968	ng		96
31) Naphthalene	8.175	128	199392	5.022	ng		98
32) Benzoic acid	7.857	122	18175	2.522	ng		96
33) 4-Chloroaniline	8.222	127	72498	5.546	ng		98
34) Hexachlorobutadiene	8.292	225	40628	4.611	ng		98
35) Caprolactam	8.551	113	15695	4.749	ng		94
36) 4-Chloro-3-methylphenol	8.698	107	58781	4.860	ng		96
37) 2-Methylnaphthalene	8.863	142	134198	5.179	ng		97
38) 1-Methylnaphthalene	8.963	142	122735	4.832	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	67119	5.016	ng		98
41) Hexachlorocyclopentadiene	9.022	237	11233	2.996	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	38842	4.684	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	40932	4.695	ng		98
46) 1,1'-Biphenyl	9.334	154	175554	5.313	ng		98
47) 2-Chloronaphthalene	9.357	162	122098	4.910	ng		98
48) 2-Nitroaniline	9.451	65	38646	4.647	ng		98
49) Acenaphthylene	9.775	152	194533	5.526	ng		99
50) Dimethylphthalate	9.628	163	143205	5.087	ng		100
51) 2,6-Dinitrotoluene	9.692	165	31748	4.798	ng		95
52) Acenaphthene	9.945	154	120517	4.826	ng		100
53) 3-Nitroaniline	9.857	138	31795	5.103	ng		99
55) Dibenzofuran	10.116	168	185239	5.305	ng		99
56) 4-Nitrophenol	10.016	139	15756	3.596	ng		96
57) 2,4-Dinitrotoluene	10.092	165	39381	4.586	ng		97
58) Fluorene	10.463	166	146059	5.255	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	34067	4.770	ng		98
60) Diethylphthalate	10.333	149	140138	5.010	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	72478	5.174	ng		96
62) 4-Nitroaniline	10.469	138	28202	4.555	ng		96
63) Azobenzene	10.616	77	149600	5.159	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	11665	2.681	ng		97
66) n-Nitrosodiphenylamine	10.569	169	122224	5.130	ng		99
67) 4-Bromophenyl-phenylether	10.945	248	43784	4.909	ng		98
68) Hexachlorobenzene	11.010	284	50321	4.950	ng		97
69) Atrazine	11.092	200	41135	6.311	ng		97
70) Pentachlorophenol	11.204	266	16285	2.983	ng		100
71) Phenanthrene	11.427	178	212154	5.367	ng		97
72) Anthracene	11.475	178	199861	5.156	ng		98
73) Carbazole	11.633	167	178801	5.048	ng		98
74) Di-n-butylphthalate	11.963	149	212746	5.075	ng		99
75) Fluoranthene	12.616	202	210911	5.103	ng		99
77) Benzidine	12.739	184	49940	4.930	ng	#	95
78) Pyrene	12.845	202	213360	4.988	ng		98
80) Butylbenzylphthalate	13.469	149	75496	4.901	ng		95
81) Benzo(a)anthracene	14.045	228	165906	4.990	ng		97
82) 3,3'-Dichlorobenzidine	14.010	252	45889	4.395	ng		99
83) Chrysene	14.080	228	158716	5.097	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	107262	4.968	ng		100
85) Di-n-octyl phthalate	14.674	149	155442	4.784	ng		99
87) Indeno(1,2,3-cd)pyrene	17.068	276	113603	4.447	ng		99
88) Benzo(b)fluoranthene	15.127	252	126638	4.811	ng		98
89) Benzo(k)fluoranthene	15.157	252	126312	5.229	ng		99
90) Benzo(a)pyrene	15.498	252	106351	4.900	ng		99
91) Dibenzo(a,h)anthracene	17.086	278	92858	4.418	ng		98
92) Benzo(g,h,i)perylene	17.521	276	90161	4.205	ng		99

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

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