Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092024\
Data File : BP021964.D
Acq On : 20 Sep 2024 12:30
Operator : RC/JU
Sample : P2403-08
Misc : LOQ--WATER- 5 ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT2-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/20/2024
Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 20 12:56:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 20 01:22:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	79490	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	291106	20.000	ng		0.00
39) Acenaphthene-d10	14.328	164	210937	20.000	ng		0.00
64) Phenanthrene-d10	17.128	188	509035	20.000	ng		-0.01
76) Chrysene-d12	21.557	240	637489	20.000	ng		0.00
86) Perylene-d12	24.845	264	783960	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	489365	115.694	ng		0.00
7) Phenol-d6	6.893	99	623145	113.483	ng		0.00
23) Nitrobenzene-d5	8.852	82	478501	86.975	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	497946	127.335	ng		-0.01
45) 2-Fluorobiphenyl	12.940	172	1248303	86.387	ng		0.00
79) Terphenyl-d14	19.851	244	2714648	79.992	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.258	88	9053	5.154	ng		98
3) Pyridine	3.664	79	18661	3.984	ng		97
4) n-Nitrosodimethylamine	3.564	42	11900	4.816	ng	#	96
6) Aniline	7.052	93	27434	5.686	ng		99
8) 2-Chlorophenol	7.287	128	21741	4.807	ng		93
9) Benzaldehyde	6.869	77	21939	7.641	ng		97
10) Phenol	6.922	94	25409	4.659	ng		96
11) bis(2-Chloroethyl)ether	7.146	93	19682	4.791	ng		95
12) 1,3-Dichlorobenzene	7.610	146	26348	4.614	ng		97
13) 1,4-Dichlorobenzene	7.752	146	27416	4.734	ng		95
14) 1,2-Dichlorobenzene	8.063	146	25501	4.588	ng		99
15) Benzyl Alcohol	7.952	79	19058	4.526	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	22562	5.149	ng		95
17) 2-Methylphenol	8.152	107	16013	4.346	ng		97
18) Hexachloroethane	8.781	117	10215	4.797	ng		92
19) n-Nitroso-di-n-propyla...	8.504	70	15992	4.686	ng		99
20) 3+4-Methylphenols	8.475	107	22089	4.247	ng		95
22) Acetophenone	8.522	105	34934	4.919	ng	#	94
24) Nitrobenzene	8.893	77	28553	5.111	ng		95
25) Isophorone	9.422	82	42635	4.701	ng		97
26) 2-Nitrophenol	9.604	139	9887	4.047	ng		98
27) 2,4-Dimethylphenol	9.663	122	12835	4.538	ng		99
28) bis(2-Chloroethoxy)met...	9.893	93	25567	4.701	ng	#	96
29) 2,4-Dichlorophenol	10.128	162	20122	4.191	ng		94
30) 1,2,4-Trichlorobenzene	10.340	180	27977	4.678	ng		96
31) Naphthalene	10.528	128	69025	4.752	ng		100
32) Benzoic acid	9.734	122	11623m	3.515	ng		
33) 4-Chloroaniline	10.634	127	25529	4.872	ng		96
34) Hexachlorobutadiene	10.822	225	21042	4.498	ng		95
35) Caprolactam	11.404	113	5528	3.869	ng		86
36) 4-Chloro-3-methylphenol	11.763	107	20889	4.055	ng		93
37) 2-Methylnaphthalene	12.140	142	48088	4.525	ng		94
38) 1-Methylnaphthalene	12.357	142	45883	4.373	ng		97
40) 1,2,4,5-Tetrachloroben...	12.510	216	37035	5.018	ng		97
41) Hexachlorocyclopentadiene	12.493	237	15555	5.673	ng		94
43) 2,4,6-Trichlorophenol	12.751	196	18409	4.064	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.822	196	20989	4.131	ng		97
46) 1,1'-Biphenyl	13.151	154	74402	5.173	ng		98
47) 2-Chloronaphthalene	13.192	162	55209	4.747	ng		97
48) 2-Nitroaniline	13.398	65	12843	4.044	ng		96
49) Acenaphthylene	14.051	152	82421	5.023	ng		96
50) Dimethylphthalate	13.781	163	73587	4.810	ng		97
51) 2,6-Dinitrotoluene	13.892	165	14200	4.165	ng		97
52) Acenaphthene	14.398	154	49129	4.600	ng		98
53) 3-Nitroaniline	14.234	138	11607	3.820	ng		95
54) 2,4-Dinitrophenol	14.445	184	5981	2.994	ng		94
55) Dibenzofuran	14.734	168	89003	4.958	ng		98
56) 4-Nitrophenol	14.563	139	9309	3.520	ng	#	87
57) 2,4-Dinitrotoluene	14.692	165	18131	3.762	ng	#	94
58) Fluorene	15.392	166	66713	4.450	ng		96
59) 2,3,4,6-Tetrachlorophenol	14.963	232	21913	4.468	ng		97
60) Diethylphthalate	15.175	149	73510	4.728	ng		99
61) 4-Chlorophenyl-phenyle...	15.386	204	40943	4.691	ng		95
62) 4-Nitroaniline	15.404	138	11915	3.566	ng		96
63) Azobenzene	15.681	77	59405	4.618	ng		97
65) 4,6-Dinitro-2-methylph...	15.475	198	10812	3.664	ng		93
66) n-Nitrosodiphenylamine	15.610	169	60913	4.806	ng		96
67) 4-Bromophenyl-phenylether	16.304	248	27821	4.688	ng		98
68) Hexachlorobenzene	16.416	284	35371	4.781	ng		98
69) Atrazine	16.592	200	24373	5.367	ng		95
70) Pentachlorophenol	16.775	266	18723	3.762	ng		95
71) Phenanthrene	17.175	178	118315	4.842	ng		99
72) Anthracene	17.269	178	115385	4.878	ng		98
73) Carbazole	17.539	167	100840	4.414	ng		100
74) Di-n-butylphthalate	18.139	149	113321	4.223	ng		97
75) Fluoranthene	19.251	202	150358	4.408	ng		100
77) Benzidine	19.457	184	66093	8.484	ng		100
78) Pyrene	19.633	202	161012	4.175	ng		99
80) Butylbenzylphthalate	20.586	149	52926	3.848	ng		97
81) Benzo(a)anthracene	21.539	228	194166	4.740	ng		99
82) 3,3'-Dichlorobenzidine	21.457	252	64355	4.330	ng		98
83) Chrysene	21.604	228	179734	4.660	ng		99
84) Bis(2-ethylhexyl)phtha...	21.474	149	84522	4.187	ng		97
85) Di-n-octyl phthalate	22.727	149	135555	3.954	ng		98
87) Indeno(1,2,3-cd)pyrene	28.580	276	249495	4.785	ng	#	91
88) Benzo(b)fluoranthene	23.798	252	204264	4.406	ng		99
89) Benzo(k)fluoranthene	23.868	252	202083	4.606	ng		99
90) Benzo(a)pyrene	24.686	252	184714	4.625	ng		99
91) Dibenzo(a,h)anthracene	28.650	278	204902	4.761	ng		96
92) Benzo(g,h,i)perylene	29.727	276	193130	4.381	ng		98

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

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