Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090524\
Data File : BF139257.D
Acq On : 05 Sep 2024 12:32
Operator : RC/JU
Sample : P2403-08
Misc : LOQ-WATER-10 ng
ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Sep 05 13:16:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	110493	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	404657	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	220777	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	402790	20.000	ng		0.00
76) Chrysene-d12	14.051	240	202222	20.000	ng		0.00
86) Perylene-d12	15.527	264	181956	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	724484	109.687	ng		0.00
7) Phenol-d6	6.510	99	950489	107.795	ng		0.00
23) Nitrobenzene-d5	7.451	82	619391	79.629	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	209318	109.795	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1126465	78.761	ng		0.00
79) Terphenyl-d14	12.998	244	1006813	80.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	30541	9.929	ng		99
3) Pyridine	3.446	79	68407	9.213	ng		96
4) n-Nitrosodimethylamine	3.369	42	45539	9.445	ng		99
6) Aniline	6.551	93	96642	11.919	ng		98
8) 2-Chlorophenol	6.669	128	69417	10.141	ng		87
9) Benzaldehyde	6.440	77	63848	11.962	ng		99
10) Phenol	6.522	94	95453	10.263	ng	#	78
11) bis(2-Chloroethyl)ether	6.622	93	69541	10.437	ng		97
12) 1,3-Dichlorobenzene	6.828	146	75426	9.735	ng		99
13) 1,4-Dichlorobenzene	6.904	146	77021	9.932	ng		99
14) 1,2-Dichlorobenzene	7.057	146	72362	10.005	ng		99
15) Benzyl Alcohol	7.022	79	72950	11.345	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	133587	10.532	ng		100
17) 2-Methylphenol	7.128	107	54171	9.688	ng		98
18) Hexachloroethane	7.398	117	25805	9.317	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	51818	10.204	ng		99
20) 3+4-Methylphenols	7.287	107	72089	10.230	ng	#	86
22) Acetophenone	7.293	105	100707	10.446	ng		96
24) Nitrobenzene	7.469	77	80040	9.695	ng		99
25) Isophorone	7.704	82	134611	10.122	ng		99
26) 2-Nitrophenol	7.781	139	31361	9.671	ng		99
27) 2,4-Dimethylphenol	7.816	122	44778	9.683	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	81330	10.265	ng		97
29) 2,4-Dichlorophenol	8.022	162	56208	10.151	ng		97
30) 1,2,4-Trichlorobenzene	8.110	180	62364	9.861	ng		99
31) Naphthalene	8.192	128	208334	10.166	ng		99
32) Benzoic acid	7.887	122	48860	11.599	ng		96
33) 4-Chloroaniline	8.239	127	77635	10.941	ng		97
34) Hexachlorobutadiene	8.310	225	37446	9.345	ng		99
35) Caprolactam	8.569	113	16065	9.372	ng		100
36) 4-Chloro-3-methylphenol	8.710	107	59571	9.873	ng		97
37) 2-Methylnaphthalene	8.881	142	131063	10.223	ng		98
38) 1-Methylnaphthalene	8.981	142	121048	9.600	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	64261	10.288	ng		99
41) Hexachlorocyclopentadiene	9.034	237	20868	10.395	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	39480	9.660	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	41087	9.594	ng		98
46) 1,1'-Biphenyl	9.345	154	170538	10.426	ng		100
47) 2-Chloronaphthalene	9.369	162	122365	9.907	ng		99
48) 2-Nitroaniline	9.463	65	40410	9.499	ng		99
49) Acenaphthylene	9.786	152	204377	10.986	ng		99
50) Dimethylphthalate	9.639	163	137003	10.238	ng		100
51) 2,6-Dinitrotoluene	9.704	165	28551	9.405	ng		96
52) Acenaphthene	9.957	154	121178	9.821	ng		99
53) 3-Nitroaniline	9.869	138	31374	9.700	ng		96
54) 2,4-Dinitrophenol	9.975	184	6709	11.347	ng	#	31
55) Dibenzofuran	10.128	168	185277	10.474	ng		98
56) 4-Nitrophenol	10.022	139	19087	7.995	ng		100
57) 2,4-Dinitrotoluene	10.104	165	35473	9.181	ng		98
58) Fluorene	10.469	166	141817	10.340	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	33439	9.919	ng		97
60) Diethylphthalate	10.345	149	132286	10.046	ng		98
61) 4-Chlorophenyl-phenyle...	10.469	204	68310	10.328	ng		97
62) 4-Nitroaniline	10.475	138	29425	9.557	ng		95
63) Azobenzene	10.628	77	142707	10.282	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	16337	8.778	ng		96
66) n-Nitrosodiphenylamine	10.581	169	120176	10.250	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	38356	9.815	ng		98
68) Hexachlorobenzene	11.016	284	44566	9.962	ng		98
69) Atrazine	11.104	200	34713	12.833	ng		99
70) Pentachlorophenol	11.210	266	35261	13.644	ng		98
71) Phenanthrene	11.433	178	198909	10.571	ng		99
72) Anthracene	11.486	178	195822	10.653	ng		99
73) Carbazole	11.639	167	171721	9.996	ng		99
74) Di-n-butylphthalate	11.975	149	177462	10.089	ng		99
75) Fluoranthene	12.622	202	195204	10.348	ng		100
77) Benzidine	12.745	184	54658	13.423	ng		96
78) Pyrene	12.851	202	202109	10.346	ng		99
80) Butylbenzylphthalate	13.474	149	43621	9.486	ng		97
81) Benzo(a)anthracene	14.039	228	131945	10.218	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	35762	10.429	ng		100
83) Chrysene	14.074	228	121266	10.062	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	45516	8.433	ng		99
85) Di-n-octyl phthalate	14.651	149	71480	6.917	ng		100
87) Indeno(1,2,3-cd)pyrene	16.998	276	86948	7.649	ng		99
88) Benzo(b)fluoranthene	15.092	252	100067	9.549	ng		98
89) Benzo(k)fluoranthene	15.121	252	102170	10.874	ng		99
90) Benzo(a)pyrene	15.463	252	91991	10.339	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	69020	7.368	ng		98
92) Benzo(g,h,i)perylene	17.445	276	67950	7.027	ng		99

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

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