Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139273.D
Acq On : 06 Sep 2024 12:00
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER-08 ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

Quant Time: Sep 06 12:20:52 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	114838	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	418171	20.000	ng		0.00
39) Acenaphthene-d10	9.928	164	221758	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	405003	20.000	ng		0.00
76) Chrysene-d12	14.045	240	203603	20.000	ng		0.00
86) Perylene-d12	15.521	264	189537	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	879067	128.055	ng		0.00
7) Phenol-d6	6.516	99	1178322	128.577	ng		0.00
23) Nitrobenzene-d5	7.451	82	766344	95.337	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	257808	134.632	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	1332788	92.774	ng		0.00
79) Terphenyl-d14	12.998	244	1108548	87.908	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	27407	8.573	ng		94
3) Pyridine	3.457	79	62398	8.086	ng		97
4) n-Nitrosodimethylamine	3.369	42	42279	8.437	ng		97
6) Aniline	6.551	93	91768	10.889	ng		99
8) 2-Chlorophenol	6.669	128	65941	9.269	ng	#	82
9) Benzaldehyde	6.439	77	58807	10.601	ng		99
10) Phenol	6.528	94	89362	9.245	ng		86
11) bis(2-Chloroethyl)ether	6.622	93	65582	9.470	ng		98
12) 1,3-Dichlorobenzene	6.828	146	72476	9.000	ng		98
13) 1,4-Dichlorobenzene	6.904	146	74681	9.266	ng		97
14) 1,2-Dichlorobenzene	7.057	146	68455	9.106	ng		98
15) Benzyl Alcohol	7.022	79	71561	10.707	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	123973	9.404	ng		98
17) 2-Methylphenol	7.128	107	50140	8.628	ng		99
18) Hexachloroethane	7.398	117	25319	8.795	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	49594	9.396	ng		99
20) 3+4-Methylphenols	7.286	107	67222	9.178	ng	#	84
22) Acetophenone	7.292	105	95996	9.636	ng		95
24) Nitrobenzene	7.469	77	75809	8.886	ng		98
25) Isophorone	7.698	82	127911	9.308	ng		98
26) 2-Nitrophenol	7.781	139	29138	8.696	ng		98
27) 2,4-Dimethylphenol	7.816	122	39500	8.265	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	77065	9.412	ng		96
29) 2,4-Dichlorophenol	8.022	162	51545	9.008	ng		98
30) 1,2,4-Trichlorobenzene	8.110	180	59170	9.054	ng		97
31) Naphthalene	8.192	128	198741	9.385	ng		99
32) Benzoic acid	7.869	122	20897	4.801	ng		97
33) 4-Chloroaniline	8.239	127	74660	10.182	ng		96
34) Hexachlorobutadiene	8.310	225	35884	8.665	ng		99
35) Caprolactam	8.569	113	14755	8.329	ng		97
36) 4-Chloro-3-methylphenol	8.710	107	54500	8.740	ng		94
37) 2-Methylnaphthalene	8.880	142	122446	9.242	ng		100
38) 1-Methylnaphthalene	8.980	142	113700	8.726	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	60149	9.587	ng		99
41) Hexachlorocyclopentadiene	9.033	237	17931	8.893	ng		98
43) 2,4,6-Trichlorophenol	9.157	196	37153	9.050	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139273.D
Acq On : 06 Sep 2024 12:00
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER-08 ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

Quant Time: Sep 06 12:20:52 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)
44)	2,4,5-Trichlorophenol	9.192	196	38232	8.887	ng		99
46)	1,1'-Biphenyl	9.345	154	161155	9.809	ng		100
47)	2-Chloronaphthalene	9.369	162	115127	9.280	ng		99
48)	2-Nitroaniline	9.463	65	37935	8.877	ng		99
49)	Acenaphthylene	9.786	152	187961	10.059	ng		100
50)	Dimethylphthalate	9.639	163	130042	9.675	ng		99
51)	2,6-Dinitrotoluene	9.704	165	26181	8.586	ng		96
52)	Acenaphthene	9.957	154	111699	9.013	ng		98
53)	3-Nitroaniline	9.869	138	29589	9.108	ng		97
54)	2,4-Dinitrophenol	9.975	184	4784	10.239	ng	#	30
55)	Dibenzofuran	10.127	168	174849	9.840	ng		98
56)	4-Nitrophenol	10.016	139	17560	7.323	ng		98
57)	2,4-Dinitrotoluene	10.104	165	32162	8.287	ng		99
58)	Fluorene	10.469	166	135762	9.855	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	31333	9.253	ng		96
60)	Diethylphthalate	10.339	149	123751	9.356	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	63848	9.610	ng		99
62)	4-Nitroaniline	10.475	138	25967	8.397	ng		95
63)	Azobenzene	10.627	77	131263	9.416	ng		97
65)	4,6-Dinitro-2-methylph...	10.510	198	10218	5.460	ng		95
66)	n-Nitrosodiphenylamine	10.580	169	111403	9.450	ng		100
67)	4-Bromophenyl-phenylether	10.957	248	35735	9.094	ng		95
68)	Hexachlorobenzene	11.016	284	41622	9.253	ng		99
69)	Atrazine	11.104	200	31844	11.708	ng		99
70)	Pentachlorophenol	11.210	266	16774	6.455	ng		99
71)	Phenanthrene	11.433	178	183658	9.707	ng		99
72)	Anthracene	11.486	178	182309	9.864	ng		99
73)	Carbazole	11.639	167	158879	9.197	ng		99
74)	Di-n-butylphthalate	11.974	149	165242	9.342	ng		99
75)	Fluoranthene	12.621	202	181012	9.543	ng		99
77)	Benzidine	12.745	184	46002	11.221	ng		95
78)	Pyrene	12.851	202	183867	9.348	ng		99
80)	Butylbenzylphthalate	13.474	149	39356	8.500	ng		96
81)	Benzo(a)anthracene	14.039	228	121335	9.333	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	31912	9.243	ng		98
83)	Chrysene	14.074	228	112385	9.262	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	42755	7.867	ng		99
85)	Di-n-octyl phthalate	14.645	149	66361	6.378	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.998	276	89819	7.586	ng		97
88)	Benzo(b)fluoranthene	15.086	252	97581	8.940	ng		99
89)	Benzo(k)fluoranthene	15.115	252	93701	9.574	ng		99
90)	Benzo(a)pyrene	15.457	252	86560	9.339	ng		98
91)	Dibenzo(a,h)anthracene	17.015	278	69583	7.131	ng		98
92)	Benzo(g,h,i)perylene	17.439	276	69516	6.902	ng		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
Data File : BF139273.D
Acq On : 06 Sep 2024 12:00
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER-08 ng
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-WATER-03-QT2-2024

Quant Time: Sep 06 12:20:52 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