

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140245.D
 Acq On : 05 Nov 2024 18:49
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 05 23:45:04 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

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	6.881	152	378321	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	1525716	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	899004	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1584597	20.000	ng	0.00
76) Chrysene-d12	14.057	240	1026936	20.000	ng	0.00
86) Perylene-d12	15.562	264	921729	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1995457	87.410	ng	0.01
7) Phenol-d6	6.516	99	2687920	91.540	ng	0.01
23) Nitrobenzene-d5	7.445	82	1991970	64.912	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	922702	103.836	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3412512	60.613	ng	0.00
79) Terphenyl-d14	12.998	244	3612736	57.629	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	96306	9.176	ng	98
3) Pyridine	3.481	79	208860m	8.156	ng	
4) n-Nitrosodimethylamine	3.381	42	143952	9.736	ng	95
6) Aniline	6.551	93	332238	12.524	ng	99
8) 2-Chlorophenol	6.669	128	240986	10.089	ng	98
9) Benzaldehyde	6.434	77	228988	12.660	ng	96
10) Phenol	6.528	94	319869	10.257	ng	86
11) bis(2-Chloroethyl)ether	6.622	93	255624	10.790	ng	98
12) 1,3-Dichlorobenzene	6.822	146	274268	9.798	ng	98
13) 1,4-Dichlorobenzene	6.898	146	276030	9.778	ng	99
14) 1,2-Dichlorobenzene	7.051	146	255297	9.682	ng	99
15) Benzyl Alcohol	7.016	79	271166	11.979	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	419771	10.947	ng	99
17) 2-Methylphenol	7.122	107	205255	10.301	ng	98
18) Hexachloroethane	7.386	117	112346	10.684	ng	96
19) n-Nitroso-di-n-propyla...	7.286	70	206922	11.046	ng	99
20) 3+4-Methylphenols	7.275	107	260469	10.408	ng	99
22) Acetophenone	7.281	105	383553	10.139	ng	98
24) Nitrobenzene	7.463	77	295631	9.181	ng	97
25) Isophorone	7.692	82	532319	10.074	ng	100
26) 2-Nitrophenol	7.769	139	129645	10.122	ng	98
27) 2,4-Dimethylphenol	7.804	122	111867	6.420	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	315762	9.986	ng	99
29) 2,4-Dichlorophenol	8.010	162	210527	9.766	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	245547	9.506	ng	99
31) Naphthalene	8.181	128	758875	9.632	ng	99
32) Benzoic acid	7.910	122	178290	12.467	ng	96
33) 4-Chloroaniline	8.222	127	274716	10.592	ng	99
34) Hexachlorobutadiene	8.292	225	166535	9.525	ng	100
35) Caprolactam	8.586	113	68062	10.379	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	229702	9.570	ng	98
37) 2-Methylnaphthalene	8.869	142	507392	9.868	ng	99
38) 1-Methylnaphthalene	8.969	142	470425	9.334	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	260574	9.901	ng	99
41) Hexachlorocyclopentadiene	9.022	237	65979	8.947	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	157367	9.649	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110524\
 Data File : BF140245.D
 Acq On : 05 Nov 2024 18:49
 Operator : RC/JU
 Sample : P4368-08
 Misc : LOQ-WATER-10 PPM
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 05 23:45:04 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

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)
44) 2,4,5-Trichlorophenol	9.186	196	169291	9.872	ng	98
46) 1,1'-Biphenyl	9.333	154	665638	10.243	ng	98
47) 2-Chloronaphthalene	9.363	162	469273	9.595	ng	98
48) 2-Nitroaniline	9.451	65	162190	9.916	ng	100
49) Acenaphthylene	9.775	152	737183	10.646	ng	99
50) Dimethylphthalate	9.633	163	550601	9.945	ng	100
51) 2,6-Dinitrotoluene	9.698	165	124522	9.568	ng	97
52) Acenaphthene	9.951	154	514843	10.483	ng	98
53) 3-Nitroaniline	9.863	138	121702	9.931	ng	99
54) 2,4-Dinitrophenol	9.975	184	99109	18.438	ng	90
55) Dibenzofuran	10.122	168	698854	10.176	ng	98
56) 4-Nitrophenol	10.016	139	84466	9.803	ng	98
57) 2,4-Dinitrotoluene	10.098	165	161723	9.576	ng	97
58) Fluorene	10.463	166	549707	10.055	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	138439	9.855	ng	99
60) Diethylphthalate	10.339	149	551292	10.020	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	275167	9.987	ng	97
62) 4-Nitroaniline	10.480	138	117158	9.621	ng	97
63) Azobenzene	10.616	77	571074	10.013	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	84833	10.193	ng	100
66) n-Nitrosodiphenylamine	10.574	169	455832	10.002	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	174949	10.253	ng	99
68) Hexachlorobenzene	11.016	284	192505	9.897	ng	96
69) Atrazine	11.098	200	163409	13.105	ng	99
70) Pentachlorophenol	11.210	266	107410	10.284	ng	97
71) Phenanthrene	11.433	178	803319	10.623	ng	99
72) Anthracene	11.480	178	764709	10.313	ng	99
73) Carbazole	11.633	167	675106	9.964	ng	99
74) Di-n-butylphthalate	11.963	149	813520	10.143	ng	100
75) Fluoranthene	12.621	202	822042	10.396	ng	99
77) Benzidine	12.739	184	94098	4.687	ng	96
78) Pyrene	12.851	202	828059	9.766	ng	99
80) Butylbenzylphthalate	13.468	149	300353	9.837	ng	97
81) Benzo(a)anthracene	14.045	228	669051	10.152	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	193377	9.344	ng	99
83) Chrysene	14.086	228	586591	9.505	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	405936	9.486	ng	100
85) Di-n-octyl phthalate	14.668	149	613917	9.532	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	544465	10.063	ng	99
88) Benzo(b)fluoranthene	15.121	252	531458	9.532	ng	99
89) Benzo(k)fluoranthene	15.151	252	523242	10.228	ng	99
90) Benzo(a)pyrene	15.492	252	471208	10.251	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	439125	9.865	ng	99
92) Benzo(g,h,i)perylene	17.521	276	414781	9.134	ng	99

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

