Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137634.D
Acq On : 18 Mar 2024 16:36
Operator : CG\JU
Sample : P1774-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Mar 18 17:02:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP9MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/18/2024
Supervised By :mohammad ahmed 03/19/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	148044	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	564655	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	305754	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	475032	20.000	ng		0.00
76) Chrysene-d12	13.880	240	310941	20.000	ng		0.00
86) Perylene-d12	15.304	264	342831	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.339	112	1072346	109.705	ng		0.00
7) Phenol-d6	6.369	99	1472633	104.370	ng		0.00
23) Nitrobenzene-d5	7.292	82	898851	73.964	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	312446	116.365	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1449513	74.210	ng		0.00
79) Terphenyl-d14	12.827	244	1302958	57.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.381	88	197422	36.938	ng		97
3) Pyridine	3.093	79	447316	34.702	ng		96
4) n-Nitrosodimethylamine	3.051	42	199496	38.983	ng		96
6) Aniline	6.392	93	323354	18.755	ng	#	88
8) 2-Chlorophenol	6.510	128	463749	44.981	ng		95
9) Benzaldehyde	6.275	77	106940	15.470	ng		99
10) Phenol	6.381	94	635997	41.878	ng		100
11) bis(2-Chloroethyl)ether	6.469	93	473647	42.561	ng		95
12) 1,3-Dichlorobenzene	6.663	146	486624	44.171	ng		99
13) 1,4-Dichlorobenzene	6.745	146	489935	43.465	ng		99
14) 1,2-Dichlorobenzene	6.892	146	470924	45.517	ng		99
15) Benzyl Alcohol	6.875	79	400058	45.544	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.004	45	731804	38.255	ng		96
17) 2-Methylphenol	6.986	107	375515	38.924	ng		100
18) Hexachloroethane	7.233	117	168752	45.467	ng		94
19) n-Nitroso-di-n-propyla...	7.145	70	345061	39.603	ng		98
20) 3+4-Methylphenols	7.145	107	454576	41.142	ng	#	87
22) Acetophenone	7.139	105	610507	44.686	ng	#	96
24) Nitrobenzene	7.310	77	525024	43.007	ng		99
25) Isophorone	7.551	82	981492	42.512	ng		97
26) 2-Nitrophenol	7.628	139	229251	47.301	ng		97
27) 2,4-Dimethylphenol	7.669	122	325351	35.926	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	582969	43.035	ng		99
29) 2,4-Dichlorophenol	7.869	162	385145	46.339	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	397096	45.400	ng		98
31) Naphthalene	8.033	128	1298813	42.871	ng		99
32) Benzoic acid	7.810	122	208374	41.010	ng		99
33) 4-Chloroaniline	8.086	127	117135	9.860	ng		97
34) Hexachlorobutadiene	8.145	225	233097	45.141	ng		99
35) Caprolactam	8.451	113	148804m	52.799	ng		
36) 4-Chloro-3-methylphenol	8.575	107	405848	43.684	ng		100
37) 2-Methylnaphthalene	8.722	142	812624	42.076	ng		98
38) 1-Methylnaphthalene	8.822	142	751578	41.323	ng		100
40) 1,2,4,5-Tetrachloroben...	8.886	216	398319	46.664	ng		100
41) Hexachlorocyclopentadiene	8.875	237	230179	67.512	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	253491	45.603	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	276277	43.146	ng	95
46) 1,1'-Biphenyl	9.186	154	996023	44.508	ng	100
47) 2-Chloronaphthalene	9.210	162	775621	45.460	ng	99
48) 2-Nitroaniline	9.310	65	267277	46.089	ng	94
49) Acenaphthylene	9.622	152	1246209	45.641	ng	99
50) Dimethylphthalate	9.492	163	932574	43.816	ng	99
51) 2,6-Dinitrotoluene	9.551	165	202536	45.496	ng	98
52) Acenaphthene	9.798	154	691774	42.437	ng	99
53) 3-Nitroaniline	9.722	138	122901	26.100	ng	96
54) 2,4-Dinitrophenol	9.833	184	146848	68.902	ng	91
55) Dibenzofuran	9.969	168	1064662	42.882	ng	98
56) 4-Nitrophenol	9.892	139	266654	79.619	ng	97
57) 2,4-Dinitrotoluene	9.957	165	252974	46.253	ng	99
58) Fluorene	10.310	166	804688	42.202	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.086	232	224655	43.751	ng	98
60) Diethylphthalate	10.186	149	872998	43.435	ng	99
61) 4-Chlorophenyl-phenyle...	10.304	204	401219	42.935	ng	93
62) 4-Nitroaniline	10.339	138	160806	39.733	ng	95
63) Azobenzene	10.463	77	954138	41.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.363	198	119938	45.301	ng	90
66) n-Nitrosodiphenylamine	10.421	169	725229	47.411	ng	98
67) 4-Bromophenyl-phenylether	10.792	248	249797	48.280	ng	97
68) Hexachlorobenzene	10.851	284	255639	48.919	ng	98
69) Atrazine	10.951	200	227509	48.925	ng	97
70) Pentachlorophenol	11.051	266	258746	81.906	ng	100
71) Phenanthrene	11.268	178	1135332	43.916	ng	99
72) Anthracene	11.321	178	1158175	43.620	ng	99
73) Carbazole	11.480	167	989141	43.491	ng	99
74) Di-n-butylphthalate	11.810	149	1253872	46.338	ng	100
75) Fluoranthene	12.451	202	1030889	40.795	ng	99
77) Benzidine	12.580	184	415455	54.597	ng	98
78) Pyrene	12.680	202	1056994	34.644	ng	100
80) Butylbenzylphthalate	13.304	149	396174	50.844	ng	99
81) Benzo(a)anthracene	13.868	228	932696	42.797	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	266926	45.993	ng	99
83) Chrysene	13.904	228	965649	43.840	ng	100
84) Bis(2-ethylhexyl)phtha...	13.862	149	526901	53.202	ng	99
85) Di-n-octyl phthalate	14.474	149	995689	51.679	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	784030	34.752	ng	97
88) Benzo(b)fluoranthene	14.898	252	960290	47.352	ng	98
89) Benzo(k)fluoranthene	14.927	252	906760	41.628	ng	98
90) Benzo(a)pyrene	15.245	252	868780	43.472	ng	99
91) Dibenzo(a,h)anthracene	16.709	278	631034	34.480	ng	97
92) Benzo(g,h,i)perylene	17.109	276	578222	30.764	ng	99

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

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