Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102822\
Data File : BF130823.D
Acq On : 28 Oct 2022 12:54
Operator : CG\JU
Sample : N5268-04MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OK-03-102422MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/31/2022
Supervised By :Jagrut Upadhyay 11/01/2022

Quant Time: Oct 28 16:51:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 04:00:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	95942	20.000	ng		0.00
21) Naphthalene-d8	8.239	136	353509	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	179268	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	287582	20.000	ng		0.00
76) Chrysene-d12	14.139	240	177905	20.000	ng		0.00
86) Perylene-d12	15.656	264	179929	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	690790	124.821	ng		0.02
7) Phenol-d6	6.575	99	828827	115.247	ng		0.00
23) Nitrobenzene-d5	7.522	82	608140	103.732	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	210751	139.656	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1066186	89.918	ng		0.00
79) Terphenyl-d14	13.080	244	922010	94.969	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.969	88	110600	44.574	ng	#	77
3) Pyridine	3.675	79	268126	38.581	ng		99
4) n-Nitrosodimethylamine	3.628	42	194153	49.763	ng		93
6) Aniline	6.616	93	266767	29.998	ng		100
8) 2-Chlorophenol	6.739	128	292898	47.510	ng		99
9) Benzaldehyde	6.510	77	82042	17.824	ng		98
10) Phenol	6.587	94	307717	39.761	ng		99
11) bis(2-Chloroethyl)ether	6.692	93	293074	48.579	ng		98
12) 1,3-Dichlorobenzene	6.898	146	316167	45.258	ng		99
13) 1,4-Dichlorobenzene	6.975	146	323444	45.613	ng		100
14) 1,2-Dichlorobenzene	7.128	146	308347	46.952	ng		99
15) Benzyl Alcohol	7.092	79	274873	44.949	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.228	45	521869	48.529	ng		99
17) 2-Methylphenol	7.198	107	232983	44.215	ng		99
18) Hexachloroethane	7.469	117	120789	47.132	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	221569	45.281	ng		100
20) 3+4-Methylphenols	7.351	107	285353	41.650	ng		94
22) Acetophenone	7.363	105	421242	49.148	ng	#	95
24) Nitrobenzene	7.539	77	329198	51.352	ng		99
25) Isophorone	7.775	82	586080	48.478	ng		98
26) 2-Nitrophenol	7.851	139	132018	51.872	ng		89
27) 2,4-Dimethylphenol	7.881	122	258529	51.383	ng		97
28) bis(2-Chloroethoxy)met...	7.986	93	354982	52.576	ng		99
29) 2,4-Dichlorophenol	8.086	162	235948	45.586	ng		100
30) 1,2,4-Trichlorobenzene	8.175	180	258719	46.485	ng		99
31) Naphthalene	8.263	128	842453	45.677	ng		99
32) Benzoic acid	7.945	122	36312	16.210	ng		89
33) 4-Chloroaniline	8.304	127	117613	16.138	ng		96
34) Hexachlorobutadiene	8.375	225	177092	47.932	ng		99
35) Caprolactam	8.663	113	58244m	35.116	ng		
36) 4-Chloro-3-methylphenol	8.780	107	243845	43.433	ng		98
37) 2-Methylnaphthalene	8.957	142	525005	45.253	ng		98
38) 1-Methylnaphthalene	9.057	142	500326	44.314	ng		100
40) 1,2,4,5-Tetrachloroben...	9.116	216	262248	51.586	ng		99
41) Hexachlorocyclopentadiene	9.104	237	320910	120.141	ng		100
43) 2,4,6-Trichlorophenol	9.227	196	167602	47.446	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.269	196	173688	46.021	ng		97
46)	1,1'-Biphenyl	9.422	154	645490	50.540	ng		99
47)	2-Chloronaphthalene	9.445	162	494639	48.298	ng		98
48)	2-Nitroaniline	9.539	65	157236	47.768	ng		96
49)	Acenaphthylene	9.863	152	753811	46.578	ng		99
50)	Dimethylphthalate	9.722	163	549009	44.587	ng		99
51)	2,6-Dinitrotoluene	9.780	165	113710	48.546	ng		97
52)	Acenaphthene	10.033	154	460555	46.021	ng		100
53)	3-Nitroaniline	9.951	138	74199	30.938	ng	#	87
54)	2,4-Dinitrophenol	10.051	184	28085	35.268	ng	#	78
55)	Dibenzofuran	10.210	168	668810	46.107	ng		97
56)	4-Nitrophenol	10.098	139	154151	81.175	ng		97
57)	2,4-Dinitrotoluene	10.180	165	144324	48.992	ng	#	88
58)	Fluorene	10.551	166	510077	44.658	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.316	232	134274	43.153	ng		98
60)	Diethylphthalate	10.422	149	525073	43.360	ng		99
61)	4-Chlorophenyl-phenyle...	10.539	204	253469	46.388	ng		93
62)	4-Nitroaniline	10.563	138	104916	43.201	ng		98
63)	Azobenzene	10.704	77	564345	44.644	ng		98
65)	4,6-Dinitro-2-methylph...	10.586	198	29104	28.144	ng		98
66)	n-Nitrosodiphenylamine	10.663	169	460060	51.288	ng		99
67)	4-Bromophenyl-phenylether	11.033	248	154577	53.448	ng	#	89
68)	Hexachlorobenzene	11.098	284	166657	52.301	ng		94
69)	Atrazine	11.186	200	144256	55.686	ng		97
70)	Pentachlorophenol	11.286	266	159889	87.933	ng		98
71)	Phenanthrene	11.516	178	712682	48.015	ng		99
72)	Anthracene	11.569	178	725672	49.567	ng		99
73)	Carbazole	11.721	167	613776	46.815	ng		99
74)	Di-n-butylphthalate	12.051	149	739185	46.423	ng		99
75)	Fluoranthene	12.710	202	695330	44.090	ng		98
77)	Benzidine	12.827	184	270406	62.614	ng		99
78)	Pyrene	12.939	202	690176	45.983	ng		100
80)	Butylbenzylphthalate	13.557	149	265003	49.075	ng		92
81)	Benzo(a)anthracene	14.127	228	568228	48.175	ng		100
82)	3,3'-Dichlorobenzidine	14.086	252	107717	33.837	ng		97
83)	Chrysene	14.162	228	545621	47.957	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.115	149	350457	53.977	ng		99
85)	Di-n-octyl phthalate	14.739	149	567733	63.357	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.215	276	705472	59.042	ng		99
88)	Benzo(b)fluoranthene	15.204	252	561482	48.274	ng		99
89)	Benzo(k)fluoranthene	15.239	252	539592	47.609	ng		98
90)	Benzo(a)pyrene	15.592	252	496709	53.124	ng		100
91)	Dibenzo(a,h)anthracene	17.239	278	606954	62.312	ng		99
92)	Benzo(g,h,i)perylene	17.692	276	629103	63.307	ng		99

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

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