Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071924\
Data File : BF138597.D
Acq On : 19 Jul 2024 19:02
Operator : RC/JU
Sample : P3294-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Jul 19 23:18:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:58:40 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HR-1-071724MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

07/20/2024
Supervised By :mohammad ahmed

07/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	81966	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	319145	20.000	ng		0.00
39) Acenaphthene-d10	9.898	164	159516	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	227088	20.000	ng		0.00
76) Chrysene-d12	14.021	240	148124	20.000	ng		0.00
86) Perylene-d12	15.480	264	124759	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	583029	112.653	ng		0.00
7) Phenol-d6	6.504	99	784216	113.905	ng		0.00
23) Nitrobenzene-d5	7.428	82	503439	77.450	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	150161	100.723	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	806911	79.059	ng		-0.01
79) Terphenyl-d14	12.963	244	669705	73.656	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	103864	45.313	ng		99
3) Pyridine	3.469	79	266350	47.120	ng		97
4) n-Nitrosodimethylamine	3.428	42	195564	53.146	ng		91
6) Aniline	6.522	93	217239	33.688	ng	#	8
8) 2-Chlorophenol	6.645	128	294335	53.785	ng		97
9) Benzaldehyde	6.410	77	26442	7.175	ng		99
10) Phenol	6.516	94	378777	51.831	ng		91
11) bis(2-Chloroethyl)ether	6.598	93	293823	53.402	ng		98
12) 1,3-Dichlorobenzene	6.798	146	301892	49.078	ng		97
13) 1,4-Dichlorobenzene	6.881	146	306231	49.024	ng		99
14) 1,2-Dichlorobenzene	7.028	146	287578	49.430	ng		97
15) Benzyl Alcohol	7.004	79	280262	54.242	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	534889	49.435	ng		83
17) 2-Methylphenol	7.122	107	228198	50.880	ng	#	90
18) Hexachloroethane	7.369	117	112238	48.876	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	221320	52.024	ng		96
20) 3+4-Methylphenols	7.275	107	291049	51.533	ng	#	89
22) Acetophenone	7.269	105	373584	48.197	ng		98
24) Nitrobenzene	7.445	77	333041	50.418	ng		98
25) Isophorone	7.681	82	591098	52.952	ng		100
26) 2-Nitrophenol	7.757	139	155608	54.962	ng		94
27) 2,4-Dimethylphenol	7.798	122	200468m	57.611	ng		
28) bis(2-Chloroethoxy)met...	7.892	93	353759	53.027	ng		98
29) 2,4-Dichlorophenol	8.004	162	227506	50.348	ng		98
30) 1,2,4-Trichlorobenzene	8.081	180	246667	46.859	ng		98
31) Naphthalene	8.163	128	826483	49.794	ng		100
32) Benzoic acid	7.934	122	151086	45.524	ng		96
33) 4-Chloroaniline	8.216	127	92674	15.913	ng		98
34) Hexachlorobutadiene	8.275	225	144969	44.723	ng		99
35) Caprolactam	8.586	113	69808m	47.875	ng		
36) 4-Chloro-3-methylphenol	8.704	107	257608	50.923	ng		98
37) 2-Methylnaphthalene	8.857	142	515677	48.278	ng		99
38) 1-Methylnaphthalene	8.957	142	474521	45.520	ng		98
40) 1,2,4,5-Tetrachloroben...	9.022	216	210465	47.340	ng		98
41) Hexachlorocyclopentadiene	9.004	237	107955	74.811	ng		99
43) 2,4,6-Trichlorophenol	9.133	196	145471	51.296	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	148157	47.499	ng		96
46)	1,1'-Biphenyl	9.322	154	596978	49.383	ng		100
47)	2-Chloronaphthalene	9.345	162	462802	50.676	ng		99
48)	2-Nitroaniline	9.445	65	174667	55.192	ng		98
49)	Acenaphthylene	9.763	152	707074	54.532	ng		99
50)	Dimethylphthalate	9.622	163	561527	54.440	ng		100
51)	2,6-Dinitrotoluene	9.686	165	119313	50.239	ng		90
52)	Acenaphthene	9.933	154	453930	52.667	ng		98
53)	3-Nitroaniline	9.851	138	86959	35.725	ng		95
54)	2,4-Dinitrophenol	9.963	184	105675	82.739	ng		95
55)	Dibenzofuran	10.104	168	614842	49.182	ng		99
56)	4-Nitrophenol	10.022	139	158690	88.356	ng		98
57)	2,4-Dinitrotoluene	10.086	165	152033	49.477	ng		97
58)	Fluorene	10.445	166	466227	47.133	ng		98
59)	2,3,4,6-Tetrachlorophenol	10.222	232	115679	46.992	ng		99
60)	Diethylphthalate	10.316	149	525237	52.821	ng		99
61)	4-Chlorophenyl-phenyle...	10.433	204	234055	47.121	ng		95
62)	4-Nitroaniline	10.469	138	110733	45.398	ng		98
63)	Azobenzene	10.598	77	534464	49.993	ng		98
65)	4,6-Dinitro-2-methylph...	10.498	198	75796	57.805	ng		85
66)	n-Nitrosodiphenylamine	10.557	169	408766	60.080	ng		98
67)	4-Bromophenyl-phenylether	10.927	248	129154	55.335	ng		98
68)	Hexachlorobenzene	10.992	284	132669	51.165	ng		96
69)	Atrazine	11.080	200	119998	53.197	ng		98
70)	Pentachlorophenol	11.186	266	141817	92.430	ng		97
71)	Phenanthrene	11.410	178	603249	52.581	ng		99
72)	Anthracene	11.457	178	627949	55.139	ng		100
73)	Carbazole	11.616	167	534682	52.243	ng		99
74)	Di-n-butylphthalate	11.939	149	685526	58.110	ng		99
75)	Fluoranthene	12.592	202	593913	50.733	ng		97
77)	Benzidine	12.716	184	181425	48.546	ng		99
78)	Pyrene	12.821	202	600283	39.922	ng		99
80)	Butylbenzylphthalate	13.433	149	264651	58.509	ng		95
81)	Benzo(a)anthracene	14.010	228	520808	52.400	ng		99
82)	3,3'-Dichlorobenzidine	13.968	252	109292	42.674	ng	#	99
83)	Chrysene	14.045	228	484939	51.576	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.992	149	362217	75.084	ng		99
85)	Di-n-octyl phthalate	14.604	149	575643	75.534	ng		100
87)	Indeno(1,2,3-cd)pyrene	16.951	276	362213	43.223	ng		99
88)	Benzo(b)fluoranthene	15.057	252	387171	55.105	ng		99
89)	Benzo(k)fluoranthene	15.086	252	381013	55.603	ng		99
90)	Benzo(a)pyrene	15.421	252	333350	54.009	ng		99
91)	Dibenzo(a,h)anthracene	16.968	278	289497	42.232	ng		100
92)	Benzo(g,h,i)perylene	17.398	276	273846	37.673	ng		96

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

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