Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138815.D
Acq On : 06 Aug 2024 19:39
Operator : RC/JU
Sample : P3448-02MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 07 01:04:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 17:50:01 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP1MSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2024
Supervised By :mohammad ahmed 08/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	39271	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	158963	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	88504	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	148426	20.000	ng		0.00
76) Chrysene-d12	13.998	240	72032	20.000	ng		0.00
86) Perylene-d12	15.462	264	62804	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	368122	144.700	ng		0.02
7) Phenol-d6	6.492	99	455723	133.423	ng		0.00
23) Nitrobenzene-d5	7.410	82	343086	105.521	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	126377	174.321	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	642390	109.056	ng		0.00
79) Terphenyl-d14	12.945	244	588274	136.735	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	42987	38.595	ng	#	82
3) Pyridine	3.534	79	79542	29.481	ng		95
4) n-Nitrosodimethylamine	3.457	42	89552	55.729	ng		89
6) Aniline	6.510	93	45263	14.859	ng	#	1
8) 2-Chlorophenol	6.634	128	147765	55.206	ng		97
9) Benzaldehyde	6.398	77	6588	3.218	ng		91
10) Phenol	6.504	94	168242	46.783	ng		100
11) bis(2-Chloroethyl)ether	6.581	93	137597	49.720	ng		98
12) 1,3-Dichlorobenzene	6.781	146	130593	43.587	ng		98
13) 1,4-Dichlorobenzene	6.857	146	134817	44.587	ng		98
14) 1,2-Dichlorobenzene	7.010	146	130217	46.081	ng		99
15) Benzyl Alcohol	6.992	79	133052	54.047	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	220403	46.277	ng	#	48
17) 2-Methylphenol	7.104	107	120788	54.650	ng	#	89
18) Hexachloroethane	7.345	117	49746	43.707	ng		96
19) n-Nitroso-di-n-propyla...	7.257	70	117477	56.945	ng		98
20) 3+4-Methylphenols	7.263	107	161150	56.827	ng	#	77
22) Acetophenone	7.251	105	205891	52.898	ng		97
24) Nitrobenzene	7.428	77	168061	50.797	ng		97
25) Isophorone	7.669	82	311966	56.192	ng		99
26) 2-Nitrophenol	7.739	139	80728	56.714	ng		96
27) 2,4-Dimethylphenol	7.781	122	107961	63.392	ng		98
28) bis(2-Chloroethoxy)met...	7.869	93	182920	54.104	ng		99
29) 2,4-Dichlorophenol	7.987	162	129660	59.248	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	130457	51.656	ng		97
31) Naphthalene	8.145	128	430432	51.442	ng		100
32) Benzoic acid	7.922	122	51902	38.769	ng		97
33) 4-Chloroaniline	8.198	127	16479	5.867	ng		95
34) Hexachlorobutadiene	8.251	225	75178	49.146	ng		97
35) Caprolactam	8.586	113	29937m	45.846	ng		
36) 4-Chloro-3-methylphenol	8.692	107	144409	57.739	ng		98
37) 2-Methylnaphthalene	8.834	142	297315	56.263	ng		100
38) 1-Methylnaphthalene	8.934	142	275504	53.204	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	127507	51.863	ng		99
41) Hexachlorocyclopentadiene	8.981	237	93068	137.532	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	88601	59.107	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	94631	57.747	ng		99
46) 1,1'-Biphenyl	9.298	154	361392	52.138	ng		99
47) 2-Chloronaphthalene	9.328	162	285216	55.326	ng		98
48) 2-Nitroaniline	9.428	65	96786	55.380	ng		99
49) Acenaphthylene	9.739	152	448384	61.325	ng		99
50) Dimethylphthalate	9.604	163	358609	63.369	ng		100
51) 2,6-Dinitrotoluene	9.669	165	73304	57.397	ng		92
52) Acenaphthene	9.910	154	276000	56.155	ng		99
53) 3-Nitroaniline	9.839	138	12183	9.228	ng		95
54) 2,4-Dinitrophenol	9.957	184	67255	114.396	ng		94
55) Dibenzofuran	10.080	168	416981	60.101	ng		99
56) 4-Nitrophenol	10.022	139	68114	85.791	ng		95
57) 2,4-Dinitrotoluene	10.075	165	100865	61.902	ng	#	90
58) Fluorene	10.428	166	333321	60.330	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	79291	63.290	ng		97
60) Diethylphthalate	10.298	149	344246	64.156	ng		100
61) 4-Chlorophenyl-phenyle...	10.416	204	163692	60.241	ng		97
62) 4-Nitroaniline	10.457	138	48610	38.743	ng		91
63) Azobenzene	10.575	77	343831	57.775	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	52574	58.059	ng		97
66) n-Nitrosodiphenylamine	10.539	169	203621	43.889	ng		99
67) 4-Bromophenyl-phenylether	10.904	248	95807	59.619	ng		99
68) Hexachlorobenzene	10.975	284	99173	59.770	ng		97
69) Atrazine	11.057	200	22604	18.884	ng		99
70) Pentachlorophenol	11.175	266	83143	111.171	ng		98
71) Phenanthrene	11.386	178	466512	61.040	ng		100
72) Anthracene	11.439	178	470294	62.463	ng		100
73) Carbazole	11.598	167	265969	40.945	ng		99
74) Di-n-butylphthalate	11.916	149	510615	69.925	ng		100
75) Fluoranthene	12.574	202	416784	58.414	ng		99
78) Pyrene	12.804	202	404571	59.653	ng		100
80) Butylbenzylphthalate	13.416	149	146039	67.243	ng		97
81) Benzo(a)anthracene	13.992	228	301590	60.801	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	5446	4.290	ng		99
83) Chrysene	14.027	228	265423	59.311	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	191010	60.062	ng		100
85) Di-n-octyl phthalate	14.580	149	322031	54.730	ng		97
87) Indeno(1,2,3-cd)pyrene	16.933	276	293481	65.207	ng		96
88) Benzo(b)fluoranthene	15.039	252	287238	73.779	ng		98
89) Benzo(k)fluoranthene	15.063	252	257834	76.490	ng		98
90) Benzo(a)pyrene	15.404	252	250528	76.503	ng		97
91) Dibenzo(a,h)anthracene	16.945	278	240740	65.161	ng		97
92) Benzo(g,h,i)perylene	17.374	276	203417	53.058	ng		97

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

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