Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138828.D
Acq On : 07 Aug 2024 02:37
Operator : RC/JU
Sample : P3387-05MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-10-Full Waste ClassMS

Manual Integrations APPROVED

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

Quant Time: Aug 07 03:23:15 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.840	152	39787	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	156467	20.000	ng		0.00
39) Acenaphthene-d10	9.875	164	77421	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	112654	20.000	ng		0.00
76) Chrysene-d12	14.004	240	83749	20.000	ng		0.00
86) Perylene-d12	15.463	264	66140	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	280018	108.641	ng		0.00
7) Phenol-d6	6.487	99	372645	107.685	ng		0.00
23) Nitrobenzene-d5	7.410	82	244878	76.517	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	65297	102.963	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	430749	83.595	ng		0.00
79) Terphenyl-d14	12.939	244	359375	71.844	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	44365	39.316	ng		97
3) Pyridine	3.410	79	116883	42.759	ng		93
4) n-Nitrosodimethylamine	3.375	42	95612	58.728	ng		88
6) Aniline	6.504	93	107481	34.827	ng	#	5
8) 2-Chlorophenol	6.634	128	150706	55.575	ng		96
9) Benzaldehyde	6.393	77	8658	4.174	ng		98
10) Phenol	6.504	94	195477	53.651	ng		89
11) bis(2-Chloroethyl)ether	6.581	93	144167	51.419	ng		97
12) 1,3-Dichlorobenzene	6.781	146	160171	52.766	ng		99
13) 1,4-Dichlorobenzene	6.857	146	165194	53.925	ng		99
14) 1,2-Dichlorobenzene	7.010	146	155843	54.435	ng		100
15) Benzyl Alcohol	6.992	79	142595	57.172	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	236088	48.928	ng		53
17) 2-Methylphenol	7.104	107	121411	54.220	ng	#	90
18) Hexachloroethane	7.351	117	62591	54.279	ng		98
19) n-Nitroso-di-n-propyla...	7.257	70	118203	56.554	ng		97
20) 3+4-Methylphenols	7.257	107	161533	56.224	ng	#	90
22) Acetophenone	7.251	105	209737	54.746	ng	#	98
24) Nitrobenzene	7.428	77	170231	52.274	ng		99
25) Isophorone	7.663	82	299180	54.748	ng		99
26) 2-Nitrophenol	7.739	139	79516	56.754	ng		95
27) 2,4-Dimethylphenol	7.781	122	102005	60.850	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	175839	52.839	ng		99
29) 2,4-Dichlorophenol	7.992	162	120571	55.974	ng		98
30) 1,2,4-Trichlorobenzene	8.063	180	134979	54.299	ng		98
31) Naphthalene	8.145	128	442471	53.724	ng		100
32) Benzoic acid	7.928	122	50038	37.973	ng		95
33) 4-Chloroaniline	8.198	127	81305	29.409	ng		99
34) Hexachlorobutadiene	8.257	225	83043	55.154	ng		98
35) Caprolactam	8.575	113	31713m	49.340	ng		
36) 4-Chloro-3-methylphenol	8.686	107	132763	53.930	ng		98
37) 2-Methylnaphthalene	8.834	142	279543	53.744	ng		98
38) 1-Methylnaphthalene	8.934	142	253203	49.678	ng		98
40) 1,2,4,5-Tetrachloroben...	8.998	216	119179	55.415	ng		99
41) Hexachlorocyclopentadiene	8.981	237	49911	87.010	ng		97
43) 2,4,6-Trichlorophenol	9.116	196	75113	57.282	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	76422	53.311	ng		99
46) 1,1'-Biphenyl	9.298	154	326576	53.859	ng		99
47) 2-Chloronaphthalene	9.322	162	249422	55.309	ng		100
48) 2-Nitroaniline	9.428	65	86238	56.409	ng		99
49) Acenaphthylene	9.739	152	380448	59.482	ng		99
50) Dimethylphthalate	9.598	163	298004	60.198	ng		99
51) 2,6-Dinitrotoluene	9.669	165	62468	55.914	ng		98
52) Acenaphthene	9.910	154	231271	53.790	ng		99
53) 3-Nitroaniline	9.839	138	47237	40.900	ng		100
54) 2,4-Dinitrophenol	9.951	184	46717	90.838	ng		88
55) Dibenzofuran	10.081	168	341273	56.231	ng		99
56) 4-Nitrophenol	10.016	139	60315	86.843	ng		92
57) 2,4-Dinitrotoluene	10.075	165	77987	54.713	ng	#	85
58) Fluorene	10.422	166	261076	54.018	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	56466	51.523	ng		93
60) Diethylphthalate	10.298	149	279667	59.582	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	133429	56.133	ng		98
62) 4-Nitroaniline	10.451	138	51392	46.824	ng		86
63) Azobenzene	10.575	77	272334	52.312	ng		98
65) 4,6-Dinitro-2-methylph...	10.486	198	38183	55.556	ng		95
66) n-Nitrosodiphenylamine	10.533	169	218067	61.928	ng		98
67) 4-Bromophenyl-phenylether	10.904	248	71447	58.578	ng		99
68) Hexachlorobenzene	10.969	284	71873	57.072	ng		99
69) Atrazine	11.063	200	60460	66.549	ng		97
70) Pentachlorophenol	11.175	266	55177	97.204	ng		98
71) Phenanthrene	11.386	178	359301	61.940	ng		99
72) Anthracene	11.439	178	343769	60.157	ng		99
73) Carbazole	11.598	167	287350	58.283	ng		99
74) Di-n-butylphthalate	11.916	149	377598	68.129	ng		100
75) Fluoranthene	12.574	202	409495	75.617	ng		99
77) Benzidine	12.698	184	6380	3.185	ng	#	93
78) Pyrene	12.804	202	412429	52.304	ng		100
80) Butylbenzylphthalate	13.416	149	151838	60.132	ng		97
81) Benzo(a)anthracene	13.992	228	358012	62.078	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	61267	41.513	ng		99
83) Chrysene	14.027	228	325213	62.504	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	221453	59.892	ng		99
85) Di-n-octyl phthalate	14.580	149	357681	52.284	ng		97
87) Indeno(1,2,3-cd)pyrene	16.933	276	209993	44.304	ng		95
88) Benzo(b)fluoranthene	15.039	252	278772	67.993	ng		98
89) Benzo(k)fluoranthene	15.068	252	244320	68.825	ng		99
90) Benzo(a)pyrene	15.404	252	225228	65.308	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	162947	41.880	ng		96
92) Benzo(g,h,i)perylene	17.374	276	152465	37.762	ng		96

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

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