Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
Data File : BF138829.D
Acq On : 07 Aug 2024 03:08
Operator : RC/JU
Sample : P3387-05MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Aug 07 03:37:39 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	6.839	152	38807	20.000	ng		0.00
21) Naphthalene-d8	8.122	136	148712	20.000	ng		0.00
39) Acenaphthene-d10	9.874	164	69720	20.000	ng		0.00
64) Phenanthrene-d10	11.363	188	106034	20.000	ng		0.00
76) Chrysene-d12	14.004	240	78255	20.000	ng		0.00
86) Perylene-d12	15.462	264	61368	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	269143	107.059	ng		0.00
7) Phenol-d6	6.486	99	355408	105.298	ng		0.00
23) Nitrobenzene-d5	7.410	82	232485	76.433	ng		0.00
42) 2,4,6-Tribromophenol	10.669	330	61764	108.149	ng		0.00
45) 2-Fluorobiphenyl	9.198	172	399904	86.181	ng		0.00
79) Terphenyl-d14	12.939	244	350598	75.011	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	43264	39.308	ng		98
3) Pyridine	3.410	79	115619	43.365	ng		94
4) n-Nitrosodimethylamine	3.375	42	92860	58.478	ng		89
6) Aniline	6.504	93	101007	33.556	ng	#	1
8) 2-Chlorophenol	6.634	128	145007	54.823	ng		96
9) Benzaldehyde	6.392	77	8165	4.035	ng		99
10) Phenol	6.504	94	185886	52.307	ng		90
11) bis(2-Chloroethyl)ether	6.581	93	140325	51.312	ng		97
12) 1,3-Dichlorobenzene	6.781	146	158742	53.616	ng		98
13) 1,4-Dichlorobenzene	6.857	146	160289	53.646	ng		99
14) 1,2-Dichlorobenzene	7.010	146	148570	53.205	ng		99
15) Benzyl Alcohol	6.992	79	135911	55.868	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	227363	48.310	ng		51
17) 2-Methylphenol	7.104	107	114561	52.453	ng	#	89
18) Hexachloroethane	7.351	117	59211	52.645	ng		97
19) n-Nitroso-di-n-propyla...	7.257	70	111988	54.934	ng		99
20) 3+4-Methylphenols	7.257	107	150524	53.715	ng		93
22) Acetophenone	7.251	105	196515	53.970	ng	#	98
24) Nitrobenzene	7.428	77	161393	52.144	ng		98
25) Isophorone	7.663	82	282919	54.472	ng		98
26) 2-Nitrophenol	7.745	139	75418	56.636	ng		99
27) 2,4-Dimethylphenol	7.781	122	94401	59.251	ng		96
28) bis(2-Chloroethoxy)met...	7.875	93	165898	52.452	ng		98
29) 2,4-Dichlorophenol	7.992	162	112825	55.109	ng		99
30) 1,2,4-Trichlorobenzene	8.063	180	128025	54.187	ng		98
31) Naphthalene	8.145	128	416402	53.196	ng		99
32) Benzoic acid	7.922	122	49854	39.806	ng		97
33) 4-Chloroaniline	8.198	127	67610	25.731	ng		99
34) Hexachlorobutadiene	8.257	225	80418	56.196	ng		96
35) Caprolactam	8.575	113	30501m	49.929	ng		
36) 4-Chloro-3-methylphenol	8.692	107	122549	52.377	ng		100
37) 2-Methylnaphthalene	8.833	142	266022	53.811	ng		100
38) 1-Methylnaphthalene	8.933	142	240734	49.694	ng		100
40) 1,2,4,5-Tetrachloroben...	8.998	216	111953	57.805	ng		99
41) Hexachlorocyclopentadiene	8.980	237	39293	76.942	ng		99
43) 2,4,6-Trichlorophenol	9.116	196	69264	58.656	ng		98

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	71900	55.697	ng		98
46) 1,1'-Biphenyl	9.298	154	305015	55.860	ng		99
47) 2-Chloronaphthalene	9.322	162	230705	56.809	ng		98
48) 2-Nitroaniline	9.427	65	78255	56.841	ng		100
49) Acenaphthylene	9.739	152	350256	60.811	ng		99
50) Dimethylphthalate	9.598	163	273848	61.429	ng		99
51) 2,6-Dinitrotoluene	9.669	165	57199	56.853	ng		97
52) Acenaphthene	9.910	154	210866	54.462	ng		100
53) 3-Nitroaniline	9.839	138	42826	41.176	ng		98
54) 2,4-Dinitrophenol	9.951	184	40948	88.415	ng	#	84
55) Dibenzofuran	10.080	168	309502	56.629	ng		98
56) 4-Nitrophenol	10.016	139	58317	93.241	ng		95
57) 2,4-Dinitrotoluene	10.074	165	72725	56.657	ng	#	88
58) Fluorene	10.422	166	244827	56.252	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	52634	53.331	ng		95
60) Diethylphthalate	10.298	149	260836	61.708	ng		99
61) 4-Chlorophenyl-phenyle...	10.416	204	122584	57.267	ng		99
62) 4-Nitroaniline	10.451	138	49262	49.841	ng		90
63) Azobenzene	10.574	77	250615	53.458	ng		97
65) 4,6-Dinitro-2-methylph...	10.486	198	34785	53.772	ng		97
66) n-Nitrosodiphenylamine	10.533	169	201296	60.734	ng		100
67) 4-Bromophenyl-phenylether	10.904	248	66813	58.199	ng		99
68) Hexachlorobenzene	10.969	284	67445	56.899	ng		99
69) Atrazine	11.063	200	56830	66.459	ng		98
70) Pentachlorophenol	11.174	266	54092	101.242	ng		98
71) Phenanthrene	11.386	178	345624	63.302	ng		100
72) Anthracene	11.439	178	323882	60.215	ng		99
73) Carbazole	11.598	167	271551	58.517	ng		98
74) Di-n-butylphthalate	11.916	149	362065	69.405	ng		100
75) Fluoranthene	12.574	202	395846	77.660	ng		98
77) Benzidine	12.698	184	9963	5.323	ng	#	94
78) Pyrene	12.804	202	399077	54.164	ng		100
80) Butylbenzylphthalate	13.415	149	149721	63.457	ng		96
81) Benzo(a)anthracene	13.992	228	339602	63.020	ng		99
82) 3,3'-Dichlorobenzidine	13.951	252	61749	44.777	ng		99
83) Chrysene	14.027	228	307773	63.305	ng		99
84) Bis(2-ethylhexyl)phtha...	13.968	149	217660	62.999	ng		98
85) Di-n-octyl phthalate	14.580	149	339997	53.189	ng		98
87) Indeno(1,2,3-cd)pyrene	16.933	276	199887	45.451	ng		95
88) Benzo(b)fluoranthene	15.039	252	256321	67.378	ng		98
89) Benzo(k)fluoranthene	15.068	252	230750	70.057	ng		98
90) Benzo(a)pyrene	15.404	252	208220	65.071	ng		98
91) Dibenzo(a,h)anthracene	16.939	278	154170	42.705	ng		96
92) Benzo(g,h,i)perylene	17.374	276	149547	39.920	ng		98

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

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