Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138071.D
Acq On : 30 May 2024 13:02
Operator : CG\JU
Sample : P2612-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-203MS

Quant Time: May 30 13:33:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.039	152	93173	20.000	ng		0.00
21) Naphthalene-d8	8.322	136	328683	20.000	ng		0.00
39) Acenaphthene-d10	10.080	164	41865	20.000	ng	#	0.00
64) Phenanthrene-d10	11.580	188	130621	20.000	ng		0.00
76) Chrysene-d12	14.227	240	5134	20.000	ng	#	0.00
86) Perylene-d12	15.857	264	69	20.000	ng	#	0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.698	112	670141	122.174	ng		0.04
7) Phenol-d6	6.657	99	204543	30.272	ng		0.00
23) Nitrobenzene-d5	7.598	82	558932	100.076	ng		-0.01
42) 2,4,6-Tribromophenol	10.880	330	352500	835.062	ng		0.00
45) 2-Fluorobiphenyl	9.398	172	1263948	465.059	ng		0.00
79) Terphenyl-d14	13.163	244	419701	1204.822	ng		0.00
Target Compounds							Qvalue
3) Pyridine	4.034	79	2039	0.382	ng	#	1
4) n-Nitrosodimethylamine	3.834	42	10233	4.351	ng	#	62
6) Aniline	6.769	93	235667	38.995	ng	#	56
8) 2-Chlorophenol	6.828	128	272770	45.952	ng		97
9) Benzaldehyde	6.598	77	15636	4.277	ng		87
10) Phenol	6.675	94	128197	18.797	ng		99
11) bis(2-Chloroethyl)ether	6.769	93	235667	45.005	ng		98
12) 1,3-Dichlorobenzene	6.981	146	305957	44.548	ng		98
13) 1,4-Dichlorobenzene	7.057	146	313406	45.462	ng		99
14) 1,2-Dichlorobenzene	7.210	146	300843	46.368	ng		97
15) Benzyl Alcohol	7.298	79	67826m	15.033	ng		
16) 2,2'-oxybis(1-Chloropr...	7.298	45	270871	42.081	ng		97
17) 2-Methylphenol	7.275	107	81195	17.152	ng		97
18) Hexachloroethane	7.545	117	105842	45.371	ng		97
19) n-Nitroso-di-n-propyla...	7.434	70	11190	2.948	ng	#	65
20) 3+4-Methylphenols	7.428	107	103217m	16.643	ng		
22) Acetophenone	7.439	105	380670	51.700	ng	#	95
24) Nitrobenzene	7.616	77	281017	49.599	ng		98
25) Isophorone	7.851	82	296993	30.639	ng		99
26) 2-Nitrophenol	7.933	139	158370	55.629	ng		97
27) 2,4-Dimethylphenol	7.957	122	93669	25.556	ng		96
28) bis(2-Chloroethoxy)met...	8.051	93	2139	0.364	ng	#	1
29) 2,4-Dichlorophenol	8.175	162	245814	53.332	ng		99
30) 1,2,4-Trichlorobenzene	8.257	180	266021	51.693	ng		98
31) Naphthalene	8.345	128	841500	50.919	ng		100
32) Benzoic acid	8.086	122	191084	61.672	ng	#	91
34) Hexachlorobutadiene	8.451	225	163412	50.167	ng		99
35) Caprolactam	9.033	113	40921m	30.644	ng		
36) 4-Chloro-3-methylphenol	8.857	107	155440	33.152	ng		99
37) 2-Methylnaphthalene	9.033	142	534671	50.331	ng		99
38) 1-Methylnaphthalene	9.139	142	502839	48.148	ng		99
40) 1,2,4,5-Tetrachloroben...	9.204	216	277956	244.216	ng		100
41) Hexachlorocyclopentadiene	9.186	237	233777	540.564	ng		97
43) 2,4,6-Trichlorophenol	9.310	196	179364	240.354	ng		98
44) 2,4,5-Trichlorophenol	9.351	196	204195	250.076	ng		95
46) 1,1'-Biphenyl	9.498	154	706640	240.652	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	9.527	162	548475	233.992	ng		98
49) Acenaphthylene	9.945	152	70144	20.812	ng		99
50) Dimethylphthalate	9.792	163	137862	52.514	ng		100
51) 2,6-Dinitrotoluene	9.863	165	145219	241.014	ng		93
52) Acenaphthene	10.116	154	258254m	115.933	ng		
54) 2,4-Dinitrophenol	10.145	184	183298	521.027	ng		84
55) Dibenzofuran	10.292	168	670583	206.846	ng		98
56) 4-Nitrophenol	10.198	139	106937	252.765	ng		94
57) 2,4-Dinitrotoluene	10.269	165	195386	250.835	ng	#	91
58) Fluorene	10.633	166	370027	144.302	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.404	232	164033	255.721	ng		99
60) Diethylphthalate	10.492	149	103206	42.093	ng		97
61) 4-Chlorophenyl-phenyle...	10.622	204	273220	216.059	ng		98
62) 4-Nitroaniline	10.633	138	6409	11.471	ng	#	26
63) Azobenzene	10.674	77	25321	11.354	ng	#	1
65) 4,6-Dinitro-2-methylph...	10.674	198	121495	161.088	ng		100
67) 4-Bromophenyl-phenylether	11.116	248	158113	110.416	ng		98
68) Hexachlorobenzene	11.186	284	227374	143.645	ng		100
70) Pentachlorophenol	11.380	266	248264	267.756	ng		99
71) Phenanthrene	11.604	178	588571	91.437	ng		99
72) Anthracene	11.657	178	262160	41.049	ng		99
74) Di-n-butylphthalate	12.121	149	93049	14.371	ng		99
75) Fluoranthene	12.792	202	141480	21.654	ng		99
78) Pyrene	13.027	202	56285	125.345	ng		97
80) Butylbenzylphthalate	13.627	149	1658	12.241	ng	#	84
81) Benzo(a)anthracene	14.215	228	25650	78.969	ng		98
83) Chrysene	14.251	228	59265m	190.784	ng		
84) Bis(2-ethylhexyl)phtha...	14.186	149	17936	105.345	ng		99
85) Di-n-octyl phthalate	14.810	149	11190m	48.650	ng		

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

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