Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
Data File : BF138719.D
Acq On : 01 Aug 2024 12:20
Operator : RC/JU
Sample : P3379-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/02/2024
Supervised By :mohammad ahmed 08/03/2024

Quant Time: Aug 01 12:49:34 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	6.845	152	73016	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	308457	20.000	ng		0.00
39) Acenaphthene-d10	9.881	164	168182	20.000	ng		0.00
64) Phenanthrene-d10	11.369	188	264941	20.000	ng		0.00
76) Chrysene-d12	14.010	240	125742	20.000	ng		0.00
86) Perylene-d12	15.468	264	145392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	442313	93.511	ng		0.01
7) Phenol-d6	6.487	99	599359	94.378	ng		0.00
23) Nitrobenzene-d5	7.410	82	392065	62.143	ng		0.00
42) 2,4,6-Tribromophenol	10.675	330	139913	101.560	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	690374	61.676	ng		0.00
79) Terphenyl-d14	12.951	244	570948	76.022	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.663	88	72475	34.998	ng		100
3) Pyridine	3.416	79	190964	38.067	ng		97
4) n-Nitrosodimethylamine	3.375	42	139554	46.709	ng		98
6) Aniline	6.510	93	230844	40.759	ng	#	75
8) 2-Chlorophenol	6.634	128	239644	48.154	ng		99
9) Benzaldehyde	6.398	77	14267	3.748	ng		97
10) Phenol	6.504	94	313421	46.874	ng		89
11) bis(2-Chloroethyl)ether	6.581	93	237060	46.072	ng		100
12) 1,3-Dichlorobenzene	6.787	146	245948	44.150	ng		99
13) 1,4-Dichlorobenzene	6.863	146	249673	44.411	ng		99
14) 1,2-Dichlorobenzene	7.016	146	235357	44.796	ng		99
15) Benzyl Alcohol	6.993	79	231991	50.684	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	413340	46.678	ng		76
17) 2-Methylphenol	7.110	107	195004	47.453	ng	#	91
18) Hexachloroethane	7.351	117	95866	45.301	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	187190	48.803	ng		98
20) 3+4-Methylphenols	7.263	107	247431	46.928	ng	#	83
22) Acetophenone	7.257	105	316044	41.846	ng		99
24) Nitrobenzene	7.434	77	275486	42.911	ng		98
25) Isophorone	7.669	82	506764	47.040	ng		99
26) 2-Nitrophenol	7.745	139	132326	47.909	ng		99
27) 2,4-Dimethylphenol	7.787	122	165948	50.216	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	306684	46.748	ng		99
29) 2,4-Dichlorophenol	7.992	162	198196	46.673	ng		99
30) 1,2,4-Trichlorobenzene	8.069	180	213549	43.577	ng		98
31) Naphthalene	8.151	128	716663	44.140	ng		99
32) Benzoic acid	7.922	122	102947	39.629	ng		99
33) 4-Chloroaniline	8.198	127	119097	21.852	ng		99
34) Hexachlorobutadiene	8.263	225	126527	42.627	ng		99
35) Caprolactam	8.581	113	58972m	46.541	ng		
36) 4-Chloro-3-methylphenol	8.692	107	230894	47.577	ng		99
37) 2-Methylnaphthalene	8.839	142	466286	45.473	ng		100
38) 1-Methylnaphthalene	8.939	142	433840	43.177	ng		99
40) 1,2,4,5-Tetrachloroben...	9.004	216	197061	42.180	ng		99
41) Hexachlorocyclopentadiene	8.987	237	171100	133.283	ng		99
43) 2,4,6-Trichlorophenol	9.122	196	132964	46.678	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	141587	45.468	ng	98
46) 1,1'-Biphenyl	9.304	154	550577	41.800	ng	100
47) 2-Chloronaphthalene	9.328	162	430838	43.980	ng	98
48) 2-Nitroaniline	9.428	65	154020	46.377	ng	98
49) Acenaphthylene	9.745	152	688882	49.581	ng	100
50) Dimethylphthalate	9.610	163	530066	49.291	ng	99
51) 2,6-Dinitrotoluene	9.675	165	110949	45.716	ng	96
52) Acenaphthene	9.916	154	415604	44.498	ng	100
53) 3-Nitroaniline	9.839	138	72092	28.735	ng	95
54) 2,4-Dinitrophenol	9.957	184	106798	95.595	ng	93
55) Dibenzofuran	10.092	168	606202	45.980	ng	99
56) 4-Nitrophenol	10.016	139	133352	88.387	ng	99
57) 2,4-Dinitrotoluene	10.081	165	144496	46.666	ng	93
58) Fluorene	10.433	166	479817	45.701	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	112056	47.068	ng	97
60) Diethylphthalate	10.304	149	510311	50.048	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	241651	46.799	ng	98
62) 4-Nitroaniline	10.457	138	105616	44.298	ng	98
63) Azobenzene	10.581	77	546002	48.281	ng	100
65) 4,6-Dinitro-2-methylph...	10.486	198	80537	49.826	ng	96
66) n-Nitrosodiphenylamine	10.545	169	413119	49.885	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	138868	48.412	ng	98
68) Hexachlorobenzene	10.981	284	141449	47.759	ng	95
69) Atrazine	11.069	200	119388	55.877	ng	100
70) Pentachlorophenol	11.181	266	118384	88.679	ng	99
71) Phenanthrene	11.392	178	652289	47.814	ng	100
72) Anthracene	11.445	178	657880	48.951	ng	100
73) Carbazole	11.604	167	516266	44.525	ng	99
74) Di-n-butylphthalate	11.928	149	716317	54.955	ng	100
75) Fluoranthene	12.580	202	545683	42.846	ng	99
77) Benzidine	12.704	184	139637	46.429	ng	99
78) Pyrene	12.810	202	525761	44.409	ng	99
80) Butylbenzylphthalate	13.422	149	220584	58.184	ng	99
81) Benzo(a)anthracene	13.998	228	422062	48.743	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	99952	45.108	ng	98
83) Chrysene	14.033	228	386034	49.416	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	316877	57.079	ng	99
85) Di-n-octyl phthalate	14.592	149	528436	51.448	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	501692	48.150	ng	98
88) Benzo(b)fluoranthene	15.045	252	455922	50.586	ng	99
89) Benzo(k)fluoranthene	15.074	252	354938	45.484	ng	99
90) Benzo(a)pyrene	15.410	252	387552	51.121	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	407917	47.693	ng	99
92) Benzo(g,h,i)perylene	17.392	276	389587	43.895	ng	100

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

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