Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138459.D
Acq On : 03 Jul 2024 21:34
Operator : CG\JU
Sample : P3148-01MSD 10X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-02-070224MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/05/2024
Supervised By :mohammad ahmed 07/05/2024

Quant Time: Jul 04 01:01:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:44:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	91646	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	298477	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	137322	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	258210	20.000	ng		0.00
76) Chrysene-d12	14.033	240	135590	20.000	ng	#	0.00
86) Perylene-d12	15.504	264	124783	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	82833	14.985	ng		0.00
7) Phenol-d6	6.504	99	101269	13.600	ng		-0.01
23) Nitrobenzene-d5	7.428	82	58512	10.184	ng		-0.02
42) 2,4,6-Tribromophenol	10.692	330	17513	15.610	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	84801	9.828	ng		0.00
79) Terphenyl-d14	12.974	244	94481	9.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	12259	4.708	ng	#	91
3) Pyridine	3.410	79	31709	5.105	ng		96
4) n-Nitrosodimethylamine	3.340	42	23555	6.078	ng	#	89
6) Aniline	6.534	93	22810	3.139	ng		99
8) 2-Chlorophenol	6.657	128	34797	5.864	ng		97
9) Benzaldehyde	6.422	77	5788	1.259	ng		95
10) Phenol	6.516	94	44556	5.616	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	35588	5.712	ng		99
12) 1,3-Dichlorobenzene	6.810	146	37399	5.503	ng		96
13) 1,4-Dichlorobenzene	6.893	146	37867	5.557	ng		96
14) 1,2-Dichlorobenzene	7.040	146	36678	5.831	ng		97
15) Benzyl Alcohol	7.010	79	29651	5.559	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.140	45	70538	5.613	ng		99
17) 2-Methylphenol	7.122	107	25390	5.163	ng		96
18) Hexachloroethane	7.381	117	8592	3.496	ng		94
19) n-Nitroso-di-n-propyla...	7.275	70	25626	5.459	ng	#	95
20) 3+4-Methylphenols	7.281	107	33278	5.824	ng		91
22) Acetophenone	7.275	105	44184	6.525	ng	#	93
24) Nitrobenzene	7.445	77	35145	6.014	ng		95
25) Isophorone	7.687	82	62252	5.876	ng		97
26) 2-Nitrophenol	7.769	139	11996	4.759	ng	#	95
27) 2,4-Dimethylphenol	7.804	122	19830	6.147	ng		97
28) bis(2-Chloroethoxy)met...	7.898	93	38175	5.986	ng		97
29) 2,4-Dichlorophenol	8.016	162	21170	5.109	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	25938	5.384	ng		98
31) Naphthalene	8.175	128	90937	6.027	ng		99
32) Benzoic acid	7.875	122	9212m	6.956	ng		
33) 4-Chloroaniline	8.222	127	17813	3.380	ng		97
34) Hexachlorobutadiene	8.292	225	16426	5.679	ng		98
35) Caprolactam	8.551	113	6142	4.694	ng	#	87
36) 4-Chloro-3-methylphenol	8.704	107	21366	4.841	ng		99
37) 2-Methylnaphthalene	8.863	142	52988	5.434	ng		98
38) 1-Methylnaphthalene	8.963	142	48978	5.179	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	20591	5.421	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	12639	5.229	ng		97
44) 2,4,5-Trichlorophenol	9.186	196	13965	5.313	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.328	154	56929	5.552	ng		97
47) 2-Chloronaphthalene	9.351	162	44017	5.630	ng		99
48) 2-Nitroaniline	9.445	65	15541	6.163	ng		86
49) Acenaphthylene	9.769	152	78656	7.154	ng		99
50) Dimethylphthalate	9.622	163	52265	5.922	ng		99
51) 2,6-Dinitrotoluene	9.686	165	9494	4.803	ng		97
52) Acenaphthene	9.939	154	44364	5.893	ng		99
53) 3-Nitroaniline	9.857	138	9867	5.054	ng	#	95
55) Dibenzofuran	10.110	168	68531	6.607	ng		98
56) 4-Nitrophenol	10.028	139	15395	12.163	ng		92
57) 2,4-Dinitrotoluene	10.086	165	11779	4.840	ng	#	93
58) Fluorene	10.451	166	64122	7.780	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	11582	5.932	ng	#	92
60) Diethylphthalate	10.322	149	49233	5.967	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	23560	5.634	ng		98
62) 4-Nitroaniline	10.463	138	13090m	7.305	ng		
63) Azobenzene	10.604	77	51000	5.853	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	110m	5.870	ng		
66) n-Nitrosodiphenylamine	10.563	169	42298	5.277	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	13421	4.836	ng		90
68) Hexachlorobenzene	10.998	284	14895	4.869	ng		92
69) Atrazine	11.086	200	14078	6.264	ng		94
70) Pentachlorophenol	11.198	266	14298	9.209	ng		91
71) Phenanthrene	11.416	178	193323	15.335	ng		99
72) Anthracene	11.469	178	107874	8.580	ng		99
73) Carbazole	11.622	167	79766	7.642	ng		99
74) Di-n-butylphthalate	11.951	149	84984	6.425	ng		99
75) Fluoranthene	12.604	202	259630	22.971	ng		99
77) Benzidine	12.727	184	12996	11.986	ng	#	93
78) Pyrene	12.833	202	248441	17.144	ng		99
80) Butylbenzylphthalate	13.451	149	33230	7.536	ng		96
81) Benzo(a)anthracene	14.021	228	109296	12.524	ng		98
82) 3,3'-Dichlorobenzidine	13.986	252	11444	4.441	ng		98
83) Chrysene	14.057	228	93376	10.996	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	44105	7.975	ng	#	96
85) Di-n-octyl phthalate	14.621	149	56695	5.857	ng	#	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	66220	10.562	ng		94
88) Benzo(b)fluoranthene	15.074	252	85084	12.428	ng	#	95
89) Benzo(k)fluoranthene	15.098	252	55501m	8.801	ng		
90) Benzo(a)pyrene	15.439	252	74044	12.339	ng		96
91) Dibenzo(a,h)anthracene	16.992	278	37699	7.449	ng	#	87
92) Benzo(g,h,i)perylene	17.427	276	50224	10.144	ng		95

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

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