Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062724\
Data File : BF138372.D
Acq On : 27 Jun 2024 18:09
Operator : CG\JU
Sample : P3047-01MSD 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
EO-01-062424MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :Jagrut Upadhyay 06/28/2024

Quant Time: Jun 28 04:37:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	223118	20.000	ng		-0.01
21) Naphthalene-d8	8.163	136	832001	20.000	ng		#-0.01
39) Acenaphthene-d10	9.910	164	387171	20.000	ng		-0.02
64) Phenanthrene-d10	11.398	188	511201	20.000	ng		-0.02
76) Chrysene-d12	14.033	240	431050	20.000	ng		-0.02
86) Perylene-d12	15.504	264	348058	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	121929	9.142	ng		0.00
7) Phenol-d6	6.510	99	152415	9.012	ng		-0.01
23) Nitrobenzene-d5	7.433	82	89911	6.291	ng		-0.02
42) 2,4,6-Tribromophenol	10.698	330	27960	7.254	ng		-0.02
45) 2-Fluorobiphenyl	9.227	172	195437	8.027	ng		-0.02
79) Terphenyl-d14	12.980	244	148903	5.471	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.651	88	24702	4.047	ng		95
3) Pyridine	3.422	79	57110	3.937	ng		96
4) n-Nitrosodimethylamine	3.351	42	29427	4.383	ng	#	94
6) Aniline	6.539	93	48172	2.911	ng		95
8) 2-Chlorophenol	6.669	128	79372	5.504	ng		99
10) Phenol	6.528	94	96160	5.603	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	74399	5.416	ng		96
12) 1,3-Dichlorobenzene	6.822	146	86688m	5.290	ng		
13) 1,4-Dichlorobenzene	6.898	146	86267	5.231	ng		98
14) 1,2-Dichlorobenzene	7.045	146	82908	5.355	ng		98
15) Benzyl Alcohol	7.016	79	60195	5.279	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	95167	4.909	ng		94
17) 2-Methylphenol	7.133	107	61011	5.363	ng		97
18) Hexachloroethane	7.392	117	28760	5.148	ng		96
19) n-Nitroso-di-n-propyla...	7.281	70	53747	5.361	ng		100
20) 3+4-Methylphenols	7.286	107	80622	5.630	ng		91
22) Acetophenone	7.281	105	102170	5.376	ng	#	98
24) Nitrobenzene	7.457	77	76330	5.168	ng		93
25) Isophorone	7.692	82	140865	5.449	ng		97
26) 2-Nitrophenol	7.775	139	34774	5.855	ng		97
27) 2,4-Dimethylphenol	7.816	122	50414	5.579	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	89472	5.529	ng		98
29) 2,4-Dichlorophenol	8.022	162	60993	5.243	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	73952	5.390	ng		100
31) Naphthalene	8.180	128	267337	6.498	ng		98
33) 4-Chloroaniline	8.228	127	48766	3.171	ng		97
34) Hexachlorobutadiene	8.298	225	43125	5.374	ng		98
35) Caprolactam	8.557	113	16006	4.557	ng	#	79
36) 4-Chloro-3-methylphenol	8.710	107	55736	4.812	ng		97
37) 2-Methylnaphthalene	8.869	142	188834	6.994	ng		100
38) 1-Methylnaphthalene	8.969	142	169901	6.421	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	64408	5.693	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	38249	5.399	ng		99
44) 2,4,5-Trichlorophenol	9.198	196	34481	4.432	ng		97
46) 1,1'-Biphenyl	9.333	154	171373	6.032	ng		95
47) 2-Chloronaphthalene	9.357	162	132234	5.889	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Nitroaniline	9.451	65	29601	5.474	ng		94
49) Acenaphthylene	9.774	152	213122	6.769	ng		98
50) Dimethylphthalate	9.627	163	154647	6.519	ng		99
51) 2,6-Dinitrotoluene	9.692	165	28820	5.600	ng		87
52) Acenaphthene	9.945	154	122006	5.683	ng		100
53) 3-Nitroaniline	9.863	138	20659	3.758	ng		93
54) 2,4-Dinitrophenol	9.969	184	1134	4.803	ng	#	77
55) Dibenzofuran	10.116	168	171579	5.717	ng		97
56) 4-Nitrophenol	10.039	139	25176	5.795	ng		96
57) 2,4-Dinitrotoluene	10.092	165	32025	5.045	ng	#	95
58) Fluorene	10.457	166	158024	6.697	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	23792	3.913	ng	#	97
60) Diethylphthalate	10.327	149	135413	6.014	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	65099	5.539	ng		98
62) 4-Nitroaniline	10.463	138	21904	3.988	ng		99
63) Azobenzene	10.610	77	110029	4.878	ng		93
65) 4,6-Dinitro-2-methylph...	10.498	198	1526	7.435	ng		89
66) n-Nitrosodiphenylamine	10.569	169	104767	6.694	ng		97
67) 4-Bromophenyl-phenylether	10.939	248	35147	6.102	ng	#	90
68) Hexachlorobenzene	11.004	284	35634	5.301	ng		97
69) Atrazine	11.092	200	26987	6.054	ng		99
70) Pentachlorophenol	11.204	266	24597	6.274	ng		97
71) Phenanthrene	11.421	178	305220	12.073	ng		98
72) Anthracene	11.468	178	174875	6.967	ng		98
73) Carbazole	11.627	167	122860	5.337	ng		98
74) Di-n-butylphthalate	11.957	149	155718	6.534	ng		97
75) Fluoranthene	12.610	202	288186	11.179	ng		98
77) Benzidine	12.733	184	24322	4.878	ng		99
78) Pyrene	12.839	202	380219	10.226	ng		97
80) Butylbenzylphthalate	13.457	149	62709	6.201	ng		95
81) Benzo(a)anthracene	14.021	228	257088	9.297	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	35842	4.707	ng		98
83) Chrysene	14.057	228	256052	9.714	ng		97
84) Bis(2-ethylhexyl)phtha...	14.015	149	100253	8.523	ng		97
85) Di-n-octyl phthalate	14.627	149	162691	9.310	ng		97
87) Indeno(1,2,3-cd)pyrene	16.974	276	127961	5.640	ng		98
88) Benzo(b)fluoranthene	15.068	252	195357	9.518	ng		98
89) Benzo(k)fluoranthene	15.098	252	147839	7.349	ng		99
90) Benzo(a)pyrene	15.439	252	158715	9.001	ng		97
91) Dibenzo(a,h)anthracene	16.992	278	88863	4.771	ng		98
92) Benzo(g,h,i)perylene	17.415	276	105770	5.490	ng		99

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

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