Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070324\
Data File : BF138451.D
Acq On : 03 Jul 2024 17:40
Operator : CG\JU
Sample : P3134-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VNJ-238MSD

Manual Integrations APPROVED

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

Quant Time: Jul 03 18:13:20 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	120631	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	461689	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	216228	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	281878	20.000	ng	0.00
76) Chrysene-d12	14.033	240	207954	20.000	ng	# 0.00
86) Perylene-d12	15.498	264	162347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	940072	129.203	ng	0.01
7) Phenol-d6	6.516	99	1243569	126.877	ng	0.00
23) Nitrobenzene-d5	7.440	82	828515	93.222	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	206480	116.879	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1301118	95.763	ng	0.00
79) Terphenyl-d14	12.975	244	962053	63.399	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	149901	43.739	ng	97
3) Pyridine	3.499	79	396698	48.520	ng	96
4) n-Nitrosodimethylamine	3.452	42	297142	58.254	ng	90
6) Aniline	6.540	93	231043	24.156	ng	99
8) 2-Chlorophenol	6.663	128	423454	54.213	ng	96
9) Benzaldehyde	6.422	77	78567	12.987	ng	99
10) Phenol	6.528	94	528895	50.649	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	422653	51.535	ng	97
12) 1,3-Dichlorobenzene	6.816	146	440257	49.219	ng	98
13) 1,4-Dichlorobenzene	6.893	146	446900	49.828	ng	98
14) 1,2-Dichlorobenzene	7.040	146	423498	51.148	ng	99
15) Benzyl Alcohol	7.022	79	397870	56.675	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	843884	51.013	ng	96
17) 2-Methylphenol	7.134	107	326729	50.472	ng	94
18) Hexachloroethane	7.387	117	166973	51.614	ng	93
19) n-Nitroso-di-n-propyla...	7.293	70	314996	50.979	ng	99
20) 3+4-Methylphenols	7.287	107	400976	53.310	ng	99
22) Acetophenone	7.281	105	526911	50.306	ng	98
24) Nitrobenzene	7.457	77	474609	52.503	ng	98
25) Isophorone	7.698	82	861809	52.589	ng	99
26) 2-Nitrophenol	7.775	139	221505	56.810	ng	96
27) 2,4-Dimethylphenol	7.810	122	279534	56.016	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	500664	50.756	ng	97
29) 2,4-Dichlorophenol	8.016	162	330004	51.488	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	370613	49.732	ng	98
31) Naphthalene	8.181	128	1175623	50.370	ng	99
32) Benzoic acid	7.945	122	225755	49.367	ng	95
33) 4-Chloroaniline	8.222	127	73535	9.021	ng	97
34) Hexachlorobutadiene	8.292	225	225661	50.436	ng	98
35) Caprolactam	8.604	113	93731m	46.312	ng	
36) 4-Chloro-3-methylphenol	8.716	107	343255	50.279	ng	98
37) 2-Methylnaphthalene	8.869	142	736967	48.856	ng	98
38) 1-Methylnaphthalene	8.969	142	674680	46.119	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	309866	51.809	ng	99
41) Hexachlorocyclopentadiene	9.016	237	241796	137.346	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	213185	56.017	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	213608	51.610	ng		96
46) 1,1'-Biphenyl	9.334	154	840047	52.032	ng		98
47) 2-Chloronaphthalene	9.357	162	654606	53.178	ng		98
48) 2-Nitroaniline	9.457	65	228366	57.512	ng		97
49) Acenaphthylene	9.775	152	975715	56.360	ng		99
50) Dimethylphthalate	9.634	163	784684	56.466	ng		99
51) 2,6-Dinitrotoluene	9.698	165	164293	52.788	ng		90
52) Acenaphthene	9.945	154	666798m	56.250	ng		
53) 3-Nitroaniline	9.863	138	98490	32.041	ng		98
54) 2,4-Dinitrophenol	9.969	184	128519	95.660	ng		96
55) Dibenzofuran	10.116	168	846849	51.850	ng		97
56) 4-Nitrophenol	10.034	139	193162	96.919	ng	#	82
57) 2,4-Dinitrotoluene	10.098	165	196955	51.396	ng		95
58) Fluorene	10.457	166	607526	46.812	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	153623	49.971	ng		98
60) Diethylphthalate	10.328	149	691339	53.210	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	312938	47.525	ng		98
62) 4-Nitroaniline	10.481	138	128416	45.515	ng		96
63) Azobenzene	10.610	77	685936	49.991	ng		98
65) 4,6-Dinitro-2-methylph...	10.504	198	92053	59.421	ng		86
66) n-Nitrosodiphenylamine	10.569	169	513238	58.650	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	169566	55.966	ng		95
68) Hexachlorobenzene	11.004	284	171087	51.231	ng		95
69) Atrazine	11.092	200	143780	58.600	ng		99
70) Pentachlorophenol	11.198	266	186960	110.305	ng		99
71) Phenanthrene	11.422	178	771080	56.027	ng		100
72) Anthracene	11.469	178	754649	54.984	ng		100
73) Carbazole	11.628	167	648191	56.886	ng		100
74) Di-n-butylphthalate	11.951	149	813336	56.324	ng		99
75) Fluoranthene	12.604	202	829624	67.240	ng		98
77) Benzidine	12.727	184	116471	70.042	ng		95
78) Pyrene	12.833	202	849097	38.203	ng		99
80) Butylbenzylphthalate	13.451	149	350896	51.883	ng		98
81) Benzo(a)anthracene	14.021	228	761042	56.858	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	115851	29.316	ng		98
83) Chrysene	14.063	228	730989	56.124	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	506191	59.681	ng		100
85) Di-n-octyl phthalate	14.621	149	1001464	67.457	ng	#	89
87) Indeno(1,2,3-cd)pyrene	16.968	276	486475	59.637	ng		97
88) Benzo(b)fluoranthene	15.074	252	582261	65.368	ng		98
89) Benzo(k)fluoranthene	15.104	252	531764	64.815	ng		99
90) Benzo(a)pyrene	15.439	252	467503	59.880	ng		98
91) Dibenzo(a,h)anthracene	16.992	278	384255	58.358	ng		97
92) Benzo(g,h,i)perylene	17.415	276	373959	58.056	ng		97

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

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