Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070224\
Data File : BF138433.D
Acq On : 02 Jul 2024 18:10
Operator : CG\JU
Sample : P3120-01MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-2040627MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 07/03/2024
Supervised By :mohammad ahmed 07/04/2024

Quant Time: Jul 02 18:38:10 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	157396	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	603221	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	290310	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	396940	20.000	ng	0.00
76) Chrysene-d12	14.033	240	267377	20.000	ng	0.00
86) Perylene-d12	15.492	264	235842	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1164472	122.661	ng	0.02
7) Phenol-d6	6.516	99	1442664	112.809	ng	0.00
23) Nitrobenzene-d5	7.440	82	1070173	92.160	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	277604	117.040	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1634484	89.601	ng	0.00
79) Terphenyl-d14	12.975	244	1223670	62.718	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	201868	45.144	ng	# 85
3) Pyridine	3.487	79	353250	33.114	ng	99
4) n-Nitrosodimethylamine	3.457	42	348252	52.327	ng	97
6) Aniline	6.540	93	244090	19.559	ng	98
8) 2-Chlorophenol	6.663	128	519727	50.997	ng	97
9) Benzaldehyde	6.422	77	69252	8.774	ng	96
10) Phenol	6.528	94	582577	42.758	ng	92
11) bis(2-Chloroethyl)ether	6.610	93	547427	51.157	ng	98
12) 1,3-Dichlorobenzene	6.816	146	550232	47.145	ng	98
13) 1,4-Dichlorobenzene	6.893	146	554094	47.349	ng	98
14) 1,2-Dichlorobenzene	7.045	146	525342	48.628	ng	97
15) Benzyl Alcohol	7.022	79	460509	50.275	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1070225	49.584	ng	97
17) 2-Methylphenol	7.134	107	393991	46.646	ng	98
18) Hexachloroethane	7.387	117	200293	47.452	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	386088	47.889	ng	95
20) 3+4-Methylphenols	7.287	107	458573	46.727	ng	97
22) Acetophenone	7.281	105	631927	46.177	ng	96
24) Nitrobenzene	7.457	77	616350	52.186	ng	100
25) Isophorone	7.698	82	1047803	48.936	ng	98
26) 2-Nitrophenol	7.775	139	269335	52.869	ng	96
27) 2,4-Dimethylphenol	7.810	122	339686	52.099	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	637177	49.440	ng	99
29) 2,4-Dichlorophenol	8.016	162	403273	48.157	ng	96
30) 1,2,4-Trichlorobenzene	8.098	180	452932	46.518	ng	100
31) Naphthalene	8.181	128	1463454	47.990	ng	100
32) Benzoic acid	7.934	122	231311	39.599	ng	97
33) 4-Chloroaniline	8.228	127	53286	5.003	ng	98
34) Hexachlorobutadiene	8.292	225	259028	44.310	ng	99
35) Caprolactam	8.592	113	101229m	38.281	ng	
36) 4-Chloro-3-methylphenol	8.710	107	415030	46.529	ng	98
37) 2-Methylnaphthalene	8.869	142	906569	45.999	ng	98
38) 1-Methylnaphthalene	8.969	142	847429	44.336	ng	98
40) 1,2,4,5-Tetrachloroben...	9.034	216	376051	46.831	ng	99
41) Hexachlorocyclopentadiene	9.016	237	318397	134.705	ng	95
43) 2,4,6-Trichlorophenol	9.145	196	256801	50.259	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	264457	47.590	ng	97
46) 1,1'-Biphenyl	9.334	154	1036453	47.815	ng	99
47) 2-Chloronaphthalene	9.357	162	822154	49.746	ng	98
48) 2-Nitroaniline	9.451	65	253710	47.590	ng	95
49) Acenaphthylene	9.775	152	1225750	52.735	ng	100
50) Dimethylphthalate	9.634	163	947389	50.777	ng	99
51) 2,6-Dinitrotoluene	9.698	165	204998	49.058	ng	87
52) Acenaphthene	9.945	154	828576m	52.061	ng	
53) 3-Nitroaniline	9.863	138	65875	15.962	ng	92
54) 2,4-Dinitrophenol	9.969	184	166141	92.438	ng	98
55) Dibenzofuran	10.116	168	1075415	49.042	ng	100
56) 4-Nitrophenol	10.034	139	238776	89.233	ng	93
57) 2,4-Dinitrotoluene	10.098	165	254828	49.529	ng	92
58) Fluorene	10.457	166	775329	44.497	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.233	232	200393	48.551	ng	100
60) Diethylphthalate	10.334	149	843670	48.364	ng	98
61) 4-Chlorophenyl-phenyle...	10.451	204	391773	44.315	ng	97
62) 4-Nitroaniline	10.475	138	122832	32.426	ng	99
63) Azobenzene	10.610	77	874273	47.457	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	121769	56.170	ng	93
66) n-Nitrosodiphenylamine	10.569	169	619009	50.232	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	220786	51.748	ng	92
68) Hexachlorobenzene	11.004	284	230427	48.999	ng	94
69) Atrazine	11.086	200	63174	18.284	ng	98
70) Pentachlorophenol	11.198	266	247881	103.854	ng	99
71) Phenanthrene	11.422	178	1005455	51.880	ng	99
72) Anthracene	11.469	178	1018637	52.704	ng	100
73) Carbazole	11.628	167	823890	51.346	ng	98
74) Di-n-butylphthalate	11.951	149	1068862	52.563	ng	100
75) Fluoranthene	12.604	202	955305	54.982	ng	97
77) Benzidine	12.739	184	21181m	9.907	ng	
78) Pyrene	12.833	202	985966	34.502	ng	99
80) Butylbenzylphthalate	13.451	149	412955	47.489	ng	98
81) Benzo(a)anthracene	14.022	228	892626	51.868	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	27268	5.367	ng	97
83) Chrysene	14.057	228	880738	52.593	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	586598	53.790	ng	99
85) Di-n-octyl phthalate	14.616	149	1065316	55.811	ng	99
87) Indeno(1,2,3-cd)pyrene	16.968	276	621974	52.487	ng	98
88) Benzo(b)fluoranthene	15.068	252	741453	57.300	ng	98
89) Benzo(k)fluoranthene	15.098	252	751356	63.041	ng	99
90) Benzo(a)pyrene	15.433	252	631688	55.695	ng	98
91) Dibenzo(a,h)anthracene	16.986	278	509026	53.216	ng	99
92) Benzo(g,h,i)perylene	17.410	276	466055	49.806	ng	97

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

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