Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030724\
Data File : BF137532.D
Acq On : 07 Mar 2024 16:17
Operator : CG\JU
Sample : P1688-02MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
COMP-2MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/08/2024
Supervised By :mohammad ahmed 03/09/2024

Quant Time: Mar 07 16:40:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 06 00:07:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	214834	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	823099	20.000	ng	0.01
39) Acenaphthene-d10	9.904	164	446688	20.000	ng	0.01
64) Phenanthrene-d10	11.398	188	740580	20.000	ng	0.01
76) Chrysene-d12	14.063	240	362830	20.000	ng	0.01
86) Perylene-d12	15.592	264	457934	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	1057129	74.526	ng	0.02
7) Phenol-d6	6.516	99	1442126	70.432	ng	0.01
23) Nitrobenzene-d5	7.434	82	877748	49.549	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	297252	75.778	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1428861	50.073	ng	0.00
79) Terphenyl-d14	12.998	244	1335868	50.629	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.787	88	286768	36.974	ng	100
3) Pyridine	3.563	79	662191	35.401	ng	98
4) n-Nitrosodimethylamine	3.546	42	299151	40.156	ng	94
6) Aniline	6.540	93	560016	22.384	ng	97
8) 2-Chlorophenol	6.657	128	623817	41.695	ng	94
9) Benzaldehyde	6.428	77	299430	29.850	ng	99
10) Phenol	6.528	94	871480	39.544	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	634020	39.259	ng	97
12) 1,3-Dichlorobenzene	6.810	146	663673	41.513	ng	99
13) 1,4-Dichlorobenzene	6.887	146	683165	41.765	ng	98
14) 1,2-Dichlorobenzene	7.040	146	630541	41.997	ng	97
15) Benzyl Alcohol	7.016	79	574405	45.062	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	1036801	37.349	ng	96
17) 2-Methylphenol	7.128	107	506493	36.179	ng	99
18) Hexachloroethane	7.375	117	230611	42.816	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	462913	36.612	ng	99
20) 3+4-Methylphenols	7.281	107	588820	36.724	ng	95
22) Acetophenone	7.281	105	820205	41.185	ng	99
24) Nitrobenzene	7.451	77	712330	40.029	ng	97
25) Isophorone	7.687	82	1324273	39.349	ng	98
26) 2-Nitrophenol	7.763	139	318610	45.097	ng	99
27) 2,4-Dimethylphenol	7.804	122	444503	33.672	ng	97
28) bis(2-Chloroethoxy)met...	7.898	93	805601	40.797	ng	99
29) 2,4-Dichlorophenol	8.004	162	505038	41.684	ng	100
30) 1,2,4-Trichlorobenzene	8.087	180	539932	42.348	ng	99
31) Naphthalene	8.169	128	1738137	39.358	ng	99
32) Benzoic acid	7.934	122	231454	32.749	ng	98
33) 4-Chloroaniline	8.222	127	134972	7.794	ng	99
34) Hexachlorobutadiene	8.281	225	310283	41.221	ng	99
35) Caprolactam	8.592	113	167176m	40.693	ng	
36) 4-Chloro-3-methylphenol	8.710	107	559048	41.280	ng	98
37) 2-Methylnaphthalene	8.857	142	1080658	38.385	ng	100
38) 1-Methylnaphthalene	8.957	142	999956	37.716	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	527221	42.278	ng	99
41) Hexachlorocyclopentadiene	9.010	237	427742	83.633	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	344164	42.381	ng	99

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44) 2,4,5-Trichlorophenol	9.181	196	377753	40.381	ng		98
46) 1,1'-Biphenyl	9.328	154	1313329	40.171	ng		100
47) 2-Chloronaphthalene	9.351	162	1040785	41.755	ng		99
48) 2-Nitroaniline	9.451	65	365046	43.088	ng		97
49) Acenaphthylene	9.763	152	1653081	41.441	ng		100
50) Dimethylphthalate	9.633	163	1262205	40.592	ng		99
51) 2,6-Dinitrotoluene	9.692	165	276951	42.583	ng		99
52) Acenaphthene	9.939	154	919754	38.621	ng		99
53) 3-Nitroaniline	9.863	138	151859	22.075	ng		97
54) 2,4-Dinitrophenol	9.975	184	224607	71.750	ng		95
55) Dibenzofuran	10.110	168	1419242	39.128	ng		99
56) 4-Nitrophenol	10.033	139	382719	78.299	ng		96
57) 2,4-Dinitrotoluene	10.098	165	344645	43.133	ng		92
58) Fluorene	10.457	166	1062680	38.149	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	302327	40.301	ng		94
60) Diethylphthalate	10.333	149	1185580	40.376	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	516115	37.805	ng		95
62) 4-Nitroaniline	10.486	138	233878	39.556	ng		93
63) Azobenzene	10.610	77	1330184	39.341	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	180951	43.839	ng		88
66) n-Nitrosodiphenylamine	10.575	169	968081	40.594	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	335030	41.535	ng		93
68) Hexachlorobenzene	11.004	284	355697	43.660	ng	#	92
69) Atrazine	11.104	200	322564	44.494	ng		96
70) Pentachlorophenol	11.204	266	366390	74.393	ng		99
71) Phenanthrene	11.422	178	1586187	39.356	ng		99
72) Anthracene	11.475	178	1627106	39.307	ng		99
73) Carbazole	11.633	167	1415916	39.933	ng		99
74) Di-n-butylphthalate	11.975	149	1776498	42.111	ng		100
75) Fluoranthene	12.622	202	1448206	36.760	ng		98
77) Benzidine	12.751	184	451356	50.833	ng		98
78) Pyrene	12.851	202	1424308	40.007	ng		100
80) Butylbenzylphthalate	13.480	149	511260	56.231	ng		96
81) Benzo(a)anthracene	14.051	228	1056788	41.556	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	208096	30.728	ng		99
83) Chrysene	14.086	228	1085924	42.250	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	650546	56.293	ng		99
85) Di-n-octyl phthalate	14.680	149	1148553	51.152	ng		99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1206516	40.037	ng		99
88) Benzo(b)fluoranthene	15.139	252	1086933	40.125	ng		99
89) Benzo(k)fluoranthene	15.168	252	1130513	38.855	ng		99
90) Benzo(a)pyrene	15.527	252	1071327	40.133	ng		99
91) Dibenzo(a,h)anthracene	17.221	278	972322	39.774	ng		99
92) Benzo(g,h,i)perylene	17.680	276	890065	35.453	ng		98

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

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