Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042624\
Data File : BF137741.D
Acq On : 26 Apr 2024 18:25
Operator : CG\JU
Sample : P2271-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT-3860MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/29/2024
Supervised By :mohammad ahmed 04/30/2024

Quant Time: Apr 26 19:05:56 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 03:57:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.063	152	266504	20.000	ng		0.00
21) Naphthalene-d8	8.345	136	1059942	20.000	ng		0.00
39) Acenaphthene-d10	10.110	164	582399	20.000	ng		0.00
64) Phenanthrene-d10	11.604	188	972666	20.000	ng		0.00
76) Chrysene-d12	14.251	240	476679	20.000	ng		0.00
86) Perylene-d12	15.827	264	540439	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.693	112	1803373	102.790	ng		0.01
7) Phenol-d6	6.675	99	2299621	103.218	ng		0.00
23) Nitrobenzene-d5	7.628	82	1414848	70.857	ng		0.00
42) 2,4,6-Tribromophenol	10.904	330	665926	113.314	ng		0.00
45) 2-Fluorobiphenyl	9.422	172	2617511	67.155	ng		0.00
79) Terphenyl-d14	13.186	244	2593618	87.576	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.052	88	270841	34.476	ng		98
3) Pyridine	3.810	79	692810	33.105	ng		97
4) n-Nitrosodimethylamine	3.757	42	392362	40.173	ng	#	97
6) Aniline	6.722	93	774766	27.940	ng		98
8) 2-Chlorophenol	6.845	128	815340	44.520	ng		99
9) Benzaldehyde	6.616	77	606021	48.469	ng		96
10) Phenol	6.692	94	972881	43.711	ng		99
11) bis(2-Chloroethyl)ether	6.792	93	755215	41.600	ng		100
12) 1,3-Dichlorobenzene	7.004	146	839710	43.722	ng		98
13) 1,4-Dichlorobenzene	7.081	146	854070	44.170	ng		98
14) 1,2-Dichlorobenzene	7.234	146	816140	45.345	ng		100
15) Benzyl Alcohol	7.198	79	681202	40.872	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.322	45	1111098	39.797	ng		98
17) 2-Methylphenol	7.298	107	644996	39.640	ng		100
18) Hexachloroethane	7.575	117	299391	43.749	ng		97
19) n-Nitroso-di-n-propyla...	7.469	70	552629	38.359	ng		99
20) 3+4-Methylphenols	7.451	107	838850	39.916	ng		95
22) Acetophenone	7.469	105	1095012	42.238	ng		99
24) Nitrobenzene	7.645	77	832900	41.287	ng		98
25) Isophorone	7.881	82	1513413	40.810	ng		99
26) 2-Nitrophenol	7.957	139	429887	48.559	ng		94
27) 2,4-Dimethylphenol	7.981	122	617094	34.551	ng		98
28) bis(2-Chloroethoxy)met...	8.087	93	910824	40.211	ng		99
29) 2,4-Dichlorophenol	8.192	162	685828	43.814	ng		98
30) 1,2,4-Trichlorobenzene	8.287	180	699755	43.859	ng		97
31) Naphthalene	8.369	128	2299667	42.517	ng		100
32) Benzoic acid	8.098	122	529513	46.823	ng		97
33) 4-Chloroaniline	8.410	127	287185	12.544	ng		97
34) Hexachlorobutadiene	8.481	225	409560	42.819	ng		98
35) Caprolactam	8.781	113	226232m	44.703	ng		
36) 4-Chloro-3-methylphenol	8.881	107	714262	43.023	ng		99
37) 2-Methylnaphthalene	9.063	142	1512238	40.735	ng		100
38) 1-Methylnaphthalene	9.163	142	1397348	40.258	ng		100
40) 1,2,4,5-Tetrachloroben...	9.228	216	701688	43.947	ng		99
41) Hexachlorocyclopentadiene	9.210	237	802259	89.675	ng		98
43) 2,4,6-Trichlorophenol	9.334	196	503685	44.968	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.369	196	525393	40.928	ng		98
46) 1,1'-Biphenyl	9.528	154	1814149	42.819	ng		98
47) 2-Chloronaphthalene	9.551	162	1433516	43.892	ng		100
48) 2-Nitroaniline	9.645	65	436861	43.896	ng		92
49) Acenaphthylene	9.975	152	2257031	44.314	ng		100
50) Dimethylphthalate	9.822	163	1705757	42.037	ng		100
51) 2,6-Dinitrotoluene	9.886	165	389086	45.510	ng		85
52) Acenaphthene	10.145	154	1498265	45.430	ng		99
53) 3-Nitroaniline	10.057	138	247290	25.739	ng		99
54) 2,4-Dinitrophenol	10.157	184	400564	87.611	ng	#	50
55) Dibenzofuran	10.316	168	2051287	42.432	ng		98
56) 4-Nitrophenol	10.210	139	562343	75.263	ng		96
57) 2,4-Dinitrotoluene	10.292	165	520398	48.282	ng		94
58) Fluorene	10.663	166	1606697	42.535	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.428	232	440679	44.334	ng		97
60) Diethylphthalate	10.522	149	1621338	41.543	ng		99
61) 4-Chlorophenyl-phenyle...	10.651	204	791488	42.406	ng		92
62) 4-Nitroaniline	10.680	138	381096	41.644	ng		97
63) Azobenzene	10.810	77	1617434	40.443	ng		95
65) 4,6-Dinitro-2-methylph...	10.698	198	281390	50.456	ng		86
66) n-Nitrosodiphenylamine	10.769	169	1417601	43.032	ng		99
67) 4-Bromophenyl-phenylether	11.139	248	493040	43.745	ng		98
68) Hexachlorobenzene	11.210	284	519276	47.293	ng	#	92
69) Atrazine	11.292	200	470024	51.614	ng		99
70) Pentachlorophenol	11.398	266	660010	79.908	ng		99
71) Phenanthrene	11.633	178	2367196	45.975	ng		99
72) Anthracene	11.680	178	2269194	43.039	ng		99
73) Carbazole	11.833	167	2002304	41.905	ng		100
74) Di-n-butylphthalate	12.151	149	2416897	41.494	ng		100
75) Fluoranthene	12.822	202	2405537	44.448	ng		99
77) Benzidine	12.939	184	818656	73.530	ng		98
78) Pyrene	13.057	202	2277099	58.200	ng		99
80) Butylbenzylphthalate	13.657	149	777305	56.023	ng		97
81) Benzo(a)anthracene	14.245	228	1552325	46.690	ng		99
82) 3,3'-Dichlorobenzidine	14.198	252	332596	32.332	ng		97
83) Chrysene	14.280	228	1425458	45.886	ng		99
84) Bis(2-ethylhexyl)phtha...	14.216	149	1097488	52.377	ng		100
85) Di-n-octyl phthalate	14.845	149	1561658	49.616	ng		99
87) Indeno(1,2,3-cd)pyrene	17.468	276	1671350	55.775	ng		99
88) Benzo(b)fluoranthene	15.351	252	1507412	43.588	ng		99
89) Benzo(k)fluoranthene	15.386	252	1376372	40.488	ng		98
90) Benzo(a)pyrene	15.757	252	1388958	44.771	ng		100
91) Dibenzo(a,h)anthracene	17.492	278	1349025	54.249	ng		99
92) Benzo(g,h,i)perylene	17.974	276	1225993	50.701	ng		97

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

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