Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030124\
Data File : BF137461.D
Acq On : 01 Mar 2024 16:15
Operator : CG\JU
Sample : P1602-03MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/02/2024
Supervised By :mohammad ahmed 03/04/2024

Quant Time: Mar 01 16:42:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 12:53:33 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	186055	20.000	ng		0.00
21) Naphthalene-d8	8.145	136	704204	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	352977	20.000	ng		-0.01
64) Phenanthrene-d10	11.398	188	515649	20.000	ng		0.00
76) Chrysene-d12	14.057	240	373285	20.000	ng		-0.01
86) Perylene-d12	15.592	264	348222	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.546	112	1472412	119.858	ng		0.01
7) Phenol-d6	6.522	99	1852238	104.455	ng		0.00
23) Nitrobenzene-d5	7.434	82	1299058	85.713	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	376597	121.493	ng		-0.01
45) 2-Fluorobiphenyl	9.228	172	2017668	89.478	ng		0.00
79) Terphenyl-d14	12.998	244	1868123	68.818	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.905	88	264260	39.342	ng	#	85
3) Pyridine	3.634	79	541623	33.434	ng		99
4) n-Nitrosodimethylamine	3.575	42	302020	46.180	ng		97
6) Aniline	6.545	93	514479	23.744	ng		96
8) 2-Chlorophenol	6.663	128	575461	44.413	ng		96
9) Benzaldehyde	6.440	77	31746	3.654	ng		97
10) Phenol	6.534	94	734209	38.468	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	634901	45.395	ng		99
12) 1,3-Dichlorobenzene	6.816	146	618764	44.690	ng		97
13) 1,4-Dichlorobenzene	6.893	146	641889	45.311	ng		100
14) 1,2-Dichlorobenzene	7.040	146	600015	46.146	ng		97
15) Benzyl Alcohol	7.016	79	522656	47.344	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	1040660	43.287	ng		98
17) 2-Methylphenol	7.128	107	475147	39.190	ng		98
18) Hexachloroethane	7.375	117	211175	45.273	ng		95
19) n-Nitroso-di-n-propyla...	7.287	70	452197	41.296	ng		99
20) 3+4-Methylphenols	7.281	107	547037	39.395	ng	#	89
22) Acetophenone	7.281	105	780667	45.818	ng		98
24) Nitrobenzene	7.451	77	679324	44.619	ng		99
25) Isophorone	7.687	82	1295532	44.994	ng		100
26) 2-Nitrophenol	7.763	139	284464	47.062	ng		99
27) 2,4-Dimethylphenol	7.804	122	435573	38.566	ng		99
28) bis(2-Chloroethoxy)met...	7.898	93	774082	45.820	ng		98
29) 2,4-Dichlorophenol	8.004	162	475113	45.835	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	506811	46.461	ng		99
31) Naphthalene	8.169	128	1656768	43.849	ng		99
32) Benzoic acid	7.910	122	106261	20.492	ng		99
33) 4-Chloroaniline	8.222	127	133863	9.035	ng		97
34) Hexachlorobutadiene	8.281	225	297522	46.199	ng		99
35) Caprolactam	8.587	113	133857m	38.083	ng		
36) 4-Chloro-3-methylphenol	8.710	107	501534	43.286	ng		99
37) 2-Methylnaphthalene	8.857	142	1008434	41.867	ng		99
38) 1-Methylnaphthalene	8.957	142	952802	42.005	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	483300	49.045	ng		99
41) Hexachlorocyclopentadiene	9.010	237	286756	72.202	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	312833	48.750	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	338017	45.726	ng		98
46) 1,1'-Biphenyl	9.328	154	1243357	48.127	ng		100
47) 2-Chloronaphthalene	9.351	162	965139	48.999	ng		99
48) 2-Nitroaniline	9.451	65	320517	47.876	ng		98
49) Acenaphthylene	9.763	152	1525535	48.396	ng		99
50) Dimethylphthalate	9.634	163	1172911	47.735	ng		100
51) 2,6-Dinitrotoluene	9.692	165	243839	47.446	ng		98
52) Acenaphthene	9.939	154	845663	44.937	ng		98
53) 3-Nitroaniline	9.863	138	142871	26.282	ng		98
54) 2,4-Dinitrophenol	9.969	184	80437	37.015	ng		90
55) Dibenzofuran	10.110	168	1307980	45.634	ng		99
56) 4-Nitrophenol	10.034	139	270674	70.553	ng		99
57) 2,4-Dinitrotoluene	10.098	165	291195	46.118	ng		96
58) Fluorene	10.457	166	949087	43.116	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.228	232	264675m	44.649	ng		
60) Diethylphthalate	10.333	149	1086559	46.828	ng		99
61) 4-Chlorophenyl-phenyle...	10.451	204	467630	43.347	ng		96
62) 4-Nitroaniline	10.481	138	177071	37.899	ng		98
63) Azobenzene	10.610	77	1193035	44.652	ng		97
65) 4,6-Dinitro-2-methylph...	10.504	198	80532	28.021	ng		98
66) n-Nitrosodiphenylamine	10.569	169	851114	51.258	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	283057	50.399	ng	#	92
68) Hexachlorobenzene	11.004	284	294506	51.917	ng	#	92
69) Atrazine	11.104	200	267606	53.015	ng		97
70) Pentachlorophenol	11.198	266	261214	76.174	ng		98
71) Phenanthrene	11.422	178	1333493	47.518	ng		99
72) Anthracene	11.475	178	1370105	47.537	ng		100
73) Carbazole	11.633	167	1180797	47.829	ng		99
74) Di-n-butylphthalate	11.975	149	1516804	51.639	ng		99
75) Fluoranthene	12.616	202	1272012	46.372	ng		100
77) Benzidine	12.751	184	307814	33.696	ng		99
78) Pyrene	12.845	202	1312543	35.835	ng		100
80) Butylbenzylphthalate	13.480	149	433966	46.393	ng		95
81) Benzo(a)anthracene	14.051	228	1248263	47.711	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	250100	35.896	ng		98
83) Chrysene	14.086	228	1245597	47.105	ng		100
84) Bis(2-ethylhexyl)phtha...	14.051	149	649624	54.639	ng		100
85) Di-n-octyl phthalate	14.674	149	1349869	57.635	ng		100
87) Indeno(1,2,3-cd)pyrene	17.180	276	788185	34.395	ng		98
88) Benzo(b)fluoranthene	15.133	252	1220741	59.263	ng		99
89) Benzo(k)fluoranthene	15.163	252	1112859	50.299	ng		99
90) Benzo(a)pyrene	15.521	252	970228	47.797	ng		99
91) Dibenzo(a,h)anthracene	17.209	278	649197	34.923	ng		99
92) Benzo(g,h,i)perylene	17.662	276	591311	30.974	ng		99

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

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