Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062024\
Data File : BF138266.D
Acq On : 20 Jun 2024 17:11
Operator : CG\JU
Sample : P2930-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 20 17:55:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 13 01:52:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WCS-TPEMS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/21/2024
Supervised By :mohammad ahmed 06/21/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	289767	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1132707	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	618512	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	1006776	20.000	ng	0.00
76) Chrysene-d12	14.045	240	533470	20.000	ng	0.00
86) Perylene-d12	15.515	264	682285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1959822	113.141	ng	0.02
7) Phenol-d6	6.522	99	2336745	106.385	ng	0.00
23) Nitrobenzene-d5	7.451	82	1622909	83.411	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	792138	128.648	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	3047693	78.354	ng	0.00
79) Terphenyl-d14	12.992	244	2819077	83.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	289964	36.579	ng	# 84
3) Pyridine	3.569	79	680215	36.104	ng	98
4) n-Nitrosodimethylamine	3.516	42	376891	43.224	ng	92
6) Aniline	6.551	93	689868	32.099	ng	98
8) 2-Chlorophenol	6.675	128	896543	47.873	ng	99
9) Benzaldehyde	6.439	77	129810	11.127	ng	96
10) Phenol	6.534	94	959742m	43.056	ng	
11) bis(2-Chloroethyl)ether	6.628	93	825406	46.267	ng	98
12) 1,3-Dichlorobenzene	6.828	146	896007	42.100	ng	99
13) 1,4-Dichlorobenzene	6.904	146	907582	42.374	ng	100
14) 1,2-Dichlorobenzene	7.057	146	870890	43.314	ng	99
15) Benzyl Alcohol	7.028	79	732214	49.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1102782	43.799	ng	96
17) 2-Methylphenol	7.139	107	696630	47.148	ng	99
18) Hexachloroethane	7.398	117	325666	44.882	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	592475	45.506	ng	98
20) 3+4-Methylphenols	7.292	107	820525	44.121	ng	98
22) Acetophenone	7.298	105	1046315	40.436	ng	# 96
24) Nitrobenzene	7.469	77	888935	44.205	ng	97
25) Isophorone	7.710	82	1667396	47.378	ng	100
26) 2-Nitrophenol	7.786	139	483980	59.852	ng	98
27) 2,4-Dimethylphenol	7.822	122	625713	50.862	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	1036876	47.065	ng	100
29) 2,4-Dichlorophenol	8.022	162	762083	48.115	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	817211	43.751	ng	98
31) Naphthalene	8.192	128	2434029	43.457	ng	99
32) Benzoic acid	7.939	122	502322	46.328	ng	100
33) 4-Chloroaniline	8.233	127	409267	19.550	ng	98
34) Hexachlorobutadiene	8.304	225	468401	42.877	ng	99
35) Caprolactam	8.610	113	207957m	43.490	ng	
36) 4-Chloro-3-methylphenol	8.722	107	777711	49.316	ng	98
37) 2-Methylnaphthalene	8.881	142	1666001	45.323	ng	99
38) 1-Methylnaphthalene	8.981	142	1550449	43.042	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	763670	42.252	ng	99
41) Hexachlorocyclopentadiene	9.033	237	692935	117.578	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	568207	50.208	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	609586	49.049	ng		98
46) 1,1'-Biphenyl	9.345	154	1936672	42.672	ng		99
47) 2-Chloronaphthalene	9.369	162	1616647	45.071	ng		99
48) 2-Nitroaniline	9.469	65	476910	55.210	ng		90
49) Acenaphthylene	9.786	152	2468878	49.087	ng		100
50) Dimethylphthalate	9.651	163	1932556	50.996	ng		99
51) 2,6-Dinitrotoluene	9.710	165	447642	54.449	ng		87
52) Acenaphthene	9.957	154	1714601m	49.993	ng		
53) 3-Nitroaniline	9.875	138	233368	26.571	ng		97
54) 2,4-Dinitrophenol	9.980	184	437023	96.820	ng		99
55) Dibenzofuran	10.133	168	2220251	46.308	ng		98
56) 4-Nitrophenol	10.039	139	583341	84.048	ng		93
57) 2,4-Dinitrotoluene	10.110	165	586991	57.888	ng	#	90
58) Fluorene	10.475	166	1665679	44.186	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	500649	51.545	ng		99
60) Diethylphthalate	10.345	149	1830027	50.880	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	853392	45.455	ng		99
62) 4-Nitroaniline	10.492	138	397730	45.324	ng		98
63) Azobenzene	10.627	77	1703712	47.281	ng		92
65) 4,6-Dinitro-2-methylph...	10.516	198	318346	60.024	ng		94
66) n-Nitrosodiphenylamine	10.586	169	1538926	49.928	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	573772	50.577	ng		98
68) Hexachlorobenzene	11.016	284	643749	48.624	ng		97
69) Atrazine	11.110	200	469115	53.434	ng		98
70) Pentachlorophenol	11.210	266	690730	89.459	ng		98
71) Phenanthrene	11.433	178	2388177	47.966	ng		100
72) Anthracene	11.486	178	2417836	48.911	ng		100
73) Carbazole	11.639	167	2016443	44.474	ng		99
74) Di-n-butylphthalate	11.969	149	2476828	52.768	ng		100
75) Fluoranthene	12.621	202	2149721	42.342	ng		99
77) Benzidine	12.739	184	330737	53.600	ng		98
78) Pyrene	12.851	202	2133648	46.369	ng		99
80) Butylbenzylphthalate	13.468	149	817043	65.278	ng		100
81) Benzo(a)anthracene	14.033	228	1704601	49.806	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	404070	42.873	ng		99
83) Chrysene	14.074	228	1655349	50.743	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	1110943	76.315	ng		99
85) Di-n-octyl phthalate	14.639	149	1971310	91.152	ng		99
87) Indeno(1,2,3-cd)pyrene	17.004	276	2109900	47.437	ng		100
88) Benzo(b)fluoranthene	15.086	252	1948581	48.430	ng		98
89) Benzo(k)fluoranthene	15.121	252	1792794	45.466	ng		99
90) Benzo(a)pyrene	15.457	252	1791115	51.817	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	1694977	46.427	ng		99
92) Benzo(g,h,i)perylene	17.456	276	1594423	42.216	ng		99

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

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