Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022824\
Data File : BP019920.D
Acq On : 28 Feb 2024 17:11
Operator : MA/JU
Sample : P1602-07MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 02/29/2024
Supervised By :mohammad ahmed 03/01/2024

Quant Time: Feb 29 00:32:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 02:05:05 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	91135	20.000	ng		0.00
21) Naphthalene-d8	10.693	136	308707	20.000	ng		-0.01
39) Acenaphthene-d10	14.534	164	170139	20.000	ng		-0.01
64) Phenanthrene-d10	17.298	188	307207	20.000	ng		0.00
76) Chrysene-d12	21.404	240	344293	20.000	ng		0.00
86) Perylene-d12	23.827	264	467218	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	429196	77.300	ng		0.00
7) Phenol-d6	7.069	99	532889	64.462	ng		0.00
23) Nitrobenzene-d5	9.063	82	362170	47.363	ng		-0.01
42) 2,4,6-Tribromophenol	16.034	330	197856	67.822	ng		-0.01
45) 2-Fluorobiphenyl	13.157	172	671309	53.310	ng		-0.01
79) Terphenyl-d14	19.869	244	837998	38.363	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	82968	43.203	ng		99
3) Pyridine	3.775	79	211750	36.050	ng		97
4) n-Nitrosodimethylamine	3.693	42	110586	45.687	ng		98
6) Aniline	7.222	93	204149	20.131	ng		97
8) 2-Chlorophenol	7.452	128	247752	41.379	ng		98
9) Benzaldehyde	7.046	77	37586m	7.966	ng		
10) Phenol	7.093	94	309248	37.516	ng		97
11) bis(2-Chloroethyl)ether	7.328	93	244778	37.703	ng		99
12) 1,3-Dichlorobenzene	7.775	146	302224	46.492	ng		98
13) 1,4-Dichlorobenzene	7.928	146	307664	46.739	ng		99
14) 1,2-Dichlorobenzene	8.240	146	289403	43.826	ng		99
15) Benzyl Alcohol	8.146	79	247022m	33.872	ng		
16) 2,2'-oxybis(1-Chloropr...	8.416	45	241040m	34.774	ng		
17) 2-Methylphenol	8.346	107	202245	32.806	ng		99
18) Hexachloroethane	8.957	117	110020	43.131	ng		98
19) n-Nitroso-di-n-propyla...	8.710	70	196112	31.403	ng		96
20) 3+4-Methylphenols	8.675	107	269413	30.414	ng		98
22) Acetophenone	8.728	105	385218	40.178	ng	#	97
24) Nitrobenzene	9.110	77	294966	39.845	ng		98
25) Isophorone	9.634	82	497461	37.376	ng		99
26) 2-Nitrophenol	9.816	139	129114	43.588	ng		97
27) 2,4-Dimethylphenol	9.875	122	170765	34.921	ng		100
28) bis(2-Chloroethoxy)met...	10.122	93	297362	40.034	ng		99
29) 2,4-Dichlorophenol	10.346	162	233188	42.752	ng		98
30) 1,2,4-Trichlorobenzene	10.557	180	296225	49.434	ng		98
31) Naphthalene	10.746	128	731321	44.245	ng		99
32) Benzoic acid	10.040	122	145723	35.173	ng		97
33) 4-Chloroaniline	10.875	127	80985	10.784	ng		98
34) Hexachlorobutadiene	11.010	225	224249	51.462	ng		99
35) Caprolactam	11.681	113	58120	28.894	ng		95
36) 4-Chloro-3-methylphenol	11.998	107	221477	32.916	ng		99
37) 2-Methylnaphthalene	12.357	142	476928	37.170	ng		98
38) 1-Methylnaphthalene	12.575	142	458934	37.800	ng		95
40) 1,2,4,5-Tetrachloroben...	12.722	216	326823	56.234	ng		99
41) Hexachlorocyclopentadiene	12.687	237	233872	77.717	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	188025	48.999	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	195884	42.853	ng	97
46) 1,1'-Biphenyl	13.375	154	614505	50.443	ng	99
47) 2-Chloronaphthalene	13.416	162	482606	51.039	ng	99
48) 2-Nitroaniline	13.634	65	136531	39.951	ng	94
49) Acenaphthylene	14.263	152	903847	59.001	ng	99
50) Dimethylphthalate	14.010	163	559105	40.255	ng	100
51) 2,6-Dinitrotoluene	14.134	165	116860	39.094	ng	97
52) Acenaphthene	14.604	154	408380	44.398	ng	100
53) 3-Nitroaniline	14.463	138	88422	29.883	ng	99
54) 2,4-Dinitrophenol	14.681	184	92177	47.305	ng	99
55) Dibenzofuran	14.939	168	670511	42.713	ng	99
56) 4-Nitrophenol	14.781	139	176268	76.152	ng	98
57) 2,4-Dinitrotoluene	14.928	165	154393	36.291	ng	96
58) Fluorene	15.592	166	552327	43.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.169	232	170379	40.626	ng	97
60) Diethylphthalate	15.375	149	521489	38.006	ng	99
61) 4-Chlorophenyl-phenyle...	15.586	204	299159	41.087	ng	99
62) 4-Nitroaniline	15.628	138	99287	32.215	ng	98
63) Azobenzene	15.886	77	482572	37.778	ng	97
65) 4,6-Dinitro-2-methylph...	15.686	198	63280	30.348	ng	98
66) n-Nitrosodiphenylamine	15.810	169	441089	50.038	ng	99
67) 4-Bromophenyl-phenylether	16.486	248	186368	49.063	ng	96
68) Hexachlorobenzene	16.592	284	211345	51.591	ng	96
69) Atrazine	16.775	200	158941	43.092	ng	99
70) Pentachlorophenol	16.945	266	269444	88.985	ng	99
71) Phenanthrene	17.345	178	1175990	71.716	ng	99
72) Anthracene	17.433	178	867698	51.836	ng	100
73) Carbazole	17.716	167	660861	44.576	ng	99
74) Di-n-butylphthalate	18.269	149	758828	40.925	ng	99
75) Fluoranthene	19.316	202	1452135	68.237	ng	99
77) Benzidine	19.510	184	386294	39.060	ng	100
78) Pyrene	19.669	202	1655939	70.004	ng	99
80) Butylbenzylphthalate	20.557	149	326821	34.550	ng	100
81) Benzo(a)anthracene	21.392	228	1469642	60.135	ng	96
82) 3,3'-Dichlorobenzidine	21.327	252	372021	39.689	ng	99
83) Chrysene	21.445	228	1430320	62.459	ng	99
84) Bis(2-ethylhexyl)phtha...	21.321	149	458660	33.778	ng	100
85) Di-n-octyl phthalate	22.263	149	842251	37.271	ng	100
87) Indeno(1,2,3-cd)pyrene	26.386	276	1919199	58.348	ng	99
88) Benzo(b)fluoranthene	23.092	252	1647132	57.502	ng	99
89) Benzo(k)fluoranthene	23.139	252	1436383	51.130	ng	100
90) Benzo(a)pyrene	23.727	252	1553433	56.747	ng	99
91) Dibenzo(a,h)anthracene	26.404	278	1437487	51.986	ng	99
92) Benzo(g,h,i)perylene	27.168	276	1577734	59.106	ng	96

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

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