Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021582.D
Acq On : 20 Aug 2024 21:44
Operator : RC/JU
Sample : P3600-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VCPS-B3-081324-10-18MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 00:27:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	371100	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1503946	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	933303	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	1947798	20.000	ng		0.00
76) Chrysene-d12	21.733	240	1784848	20.000	ng		0.04
86) Perylene-d12	25.174	264	2256543	20.000	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	2924778	117.028	ng		0.00
7) Phenol-d6	6.969	99	3976204	109.063	ng		0.00
23) Nitrobenzene-d5	8.951	82	2363543	81.116	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1336927	128.708	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	3917209	64.055	ng		0.00
79) Terphenyl-d14	19.986	244	5069990	55.185	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	400609	33.806	ng		98
3) Pyridine	3.711	79	1106044	33.434	ng		95
4) n-Nitrosodimethylamine	3.616	42	408846	41.118	ng		93
6) Aniline	7.128	93	1294336	35.512	ng		97
8) 2-Chlorophenol	7.375	128	1198590	51.896	ng		93
9) Benzaldehyde	6.946	77	848139m	36.333	ng		
10) Phenol	6.999	94	1772187	46.941	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	1332862	41.723	ng		96
12) 1,3-Dichlorobenzene	7.693	146	1210301	44.117	ng		97
13) 1,4-Dichlorobenzene	7.840	146	1242840	44.865	ng		98
14) 1,2-Dichlorobenzene	8.157	146	1199269	44.924	ng		98
15) Benzyl Alcohol	8.034	79	1225089	46.833	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1277852	43.437	ng		96
17) 2-Methylphenol	8.240	107	1147408	48.075	ng		98
18) Hexachloroethane	8.887	117	512887	46.170	ng		97
19) n-Nitroso-di-n-propyla...	8.604	70	932961	37.046	ng	#	94
20) 3+4-Methylphenols	8.563	107	1593306	49.509	ng		98
22) Acetophenone	8.616	105	1993608	43.149	ng		99
24) Nitrobenzene	8.993	77	1437428	45.421	ng		93
25) Isophorone	9.522	82	2776986	40.342	ng		97
26) 2-Nitrophenol	9.704	139	585280	63.028	ng		94
27) 2,4-Dimethylphenol	9.763	122	1000832	58.914	ng		98
28) bis(2-Chloroethoxy)met...	9.998	93	1765266	42.011	ng		100
29) 2,4-Dichlorophenol	10.240	162	1092489	54.429	ng		100
30) 1,2,4-Trichlorobenzene	10.457	180	1131351	43.965	ng		99
31) Naphthalene	10.645	128	3583812	45.615	ng		100
32) Benzoic acid	9.904	122	857225	66.460	ng		91
33) 4-Chloroaniline	10.745	127	683474	23.159	ng		96
34) Hexachlorobutadiene	10.940	225	722597	44.598	ng		98
35) Caprolactam	11.528	113	430958m	51.584	ng		
36) 4-Chloro-3-methylphenol	11.875	107	1400298	50.293	ng		96
37) 2-Methylnaphthalene	12.257	142	2436845	45.445	ng		100
38) 1-Methylnaphthalene	12.481	142	2295463	43.405	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1271389	46.493	ng		99
41) Hexachlorocyclopentadiene	12.616	237	1245909	143.754	ng		99
43) 2,4,6-Trichlorophenol	12.869	196	884581	58.233	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	961181	56.952	ng		97
46) 1,1'-Biphenyl	13.275	154	3088660	46.775	ng		97
47) 2-Chloronaphthalene	13.316	162	2418381	47.042	ng		99
48) 2-Nitroaniline	13.510	65	797644	54.571	ng	#	84
49) Acenaphthylene	14.169	152	3827274	50.644	ng		99
50) Dimethylphthalate	13.904	163	2984173	47.745	ng		99
51) 2,6-Dinitrotoluene	14.016	165	651899	51.391	ng		87
52) Acenaphthene	14.516	154	2747572m	55.410	ng		
53) 3-Nitroaniline	14.339	138	502663	41.166	ng	#	92
54) 2,4-Dinitrophenol	14.557	184	675116	120.772	ng		90
55) Dibenzofuran	14.857	168	3681031	48.257	ng		100
56) 4-Nitrophenol	14.657	139	1240294	117.133	ng		88
57) 2,4-Dinitrotoluene	14.816	165	921305	56.457	ng		85
58) Fluorene	15.516	166	2894140	46.184	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	851395	59.434	ng	#	99
60) Diethylphthalate	15.286	149	3039566	47.397	ng		100
61) 4-Chlorophenyl-phenyle...	15.510	204	1450856	44.790	ng		99
62) 4-Nitroaniline	15.522	138	666457	52.040	ng		94
63) Azobenzene	15.816	77	3318867	42.101	ng		95
65) 4,6-Dinitro-2-methylph...	15.586	198	456728	67.543	ng		99
66) n-Nitrosodiphenylamine	15.728	169	2565244	49.144	ng		100
67) 4-Bromophenyl-phenylether	16.428	248	968995	47.005	ng		98
68) Hexachlorobenzene	16.545	284	1122191	46.064	ng		99
69) Atrazine	16.710	200	961739	53.665	ng		99
70) Pentachlorophenol	16.892	266	1502310	112.984	ng		99
71) Phenanthrene	17.304	178	5146623	54.942	ng		99
72) Anthracene	17.398	178	4761853	51.834	ng		100
73) Carbazole	17.669	167	4430077	50.037	ng		99
74) Di-n-butylphthalate	18.275	149	5320273	48.930	ng		100
75) Fluoranthene	19.392	202	6042127	52.569	ng		99
77) Benzidine	19.580	184	2139580	53.212	ng		99
78) Pyrene	19.769	202	6157730	52.783	ng		99
80) Butylbenzylphthalate	20.721	149	2408535	53.917	ng		94
81) Benzo(a)anthracene	21.710	228	5996120	53.515	ng		98
82) 3,3'-Dichlorobenzidine	21.627	252	1144621	31.862	ng		99
83) Chrysene	21.780	228	5712730	54.002	ng		100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3658348	55.243	ng		100
85) Di-n-octyl phthalate	22.986	149	6642041	56.180	ng		97
87) Indeno(1,2,3-cd)pyrene	29.103	276	7996975m	54.672	ng		
88) Benzo(b)fluoranthene	24.098	252	6613372	51.030	ng		100
89) Benzo(k)fluoranthene	24.162	252	6162027	48.741	ng		99
90) Benzo(a)pyrene	25.021	252	6162757	54.797	ng		99
91) Dibenzo(a,h)anthracene	29.192	278	6365123	52.372	ng		99
92) Benzo(g,h,i)perylene	30.292	276	6120815	50.247	ng		98

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

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