Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090624\
Data File : BP021849.D
Acq On : 06 Sep 2024 12:35
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 06 23:40:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 06 23:39:07 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/07/2024
Supervised By :mohammad ahmed 09/07/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.763	152	226116	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	907051	20.000	ng		0.00
39) Acenaphthene-d10	14.381	164	587197	20.000	ng		0.00
64) Phenanthrene-d10	17.169	188	1295119	20.000	ng		0.00
76) Chrysene-d12	21.604	240	1349767	20.000	ng		-0.01
86) Perylene-d12	24.945	264	1566167	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	164891	10.261	ng		0.00
7) Phenol-d6	6.940	99	216888	10.139	ng		0.00
23) Nitrobenzene-d5	8.905	82	194646	9.990	ng		0.00
42) 2,4,6-Tribromophenol	15.887	330	71184	10.229	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	392792	10.718	ng		0.00
79) Terphenyl-d14	19.886	244	672621	10.230	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.305	88	37634	5.255	ng		96
3) Pyridine	3.705	79	95221	4.920	ng		94
4) n-Nitrosodimethylamine	3.611	42	33445	5.116	ng	#	92
6) Aniline	7.099	93	101222	5.259	ng		99
8) 2-Chlorophenol	7.334	128	78591	5.245	ng		98
9) Benzaldehyde	6.911	77	72097	5.809	ng		96
10) Phenol	6.969	94	110579	5.142	ng		96
11) bis(2-Chloroethyl)ether	7.187	93	90019	5.263	ng		98
12) 1,3-Dichlorobenzene	7.658	146	89539	5.378	ng		96
13) 1,4-Dichlorobenzene	7.799	146	88693	5.278	ng		98
14) 1,2-Dichlorobenzene	8.116	146	86630	5.403	ng		98
15) Benzyl Alcohol	7.999	79	70322	4.793	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.281	45	83057	5.313	ng		98
17) 2-Methylphenol	8.205	107	69634	4.934	ng		99
18) Hexachloroethane	8.840	117	36510	5.285	ng		94
19) n-Nitroso-di-n-propyla...	8.558	70	61368	5.045	ng		96
20) 3+4-Methylphenols	8.528	107	92803	4.722	ng		99
22) Acetophenone	8.575	105	140639	5.247	ng	#	97
24) Nitrobenzene	8.952	77	100230	5.085	ng		99
25) Isophorone	9.475	82	166823	4.923	ng		98
26) 2-Nitrophenol	9.657	139	32379	4.548	ng		95
27) 2,4-Dimethylphenol	9.716	122	47318	4.858	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	114119	5.108	ng		99
29) 2,4-Dichlorophenol	10.187	162	62108	4.743	ng		97
30) 1,2,4-Trichlorobenzene	10.405	180	79507	5.325	ng		97
31) Naphthalene	10.587	128	250568	5.293	ng		99
33) 4-Chloroaniline	10.693	127	85347	4.848	ng		98
34) Hexachlorobutadiene	10.875	225	47651	5.141	ng		98
35) Caprolactam	11.463	113	25199	4.505	ng		94
36) 4-Chloro-3-methylphenol	11.822	107	84467	4.623	ng		97
37) 2-Methylnaphthalene	12.193	142	157483	5.077	ng		98
38) 1-Methylnaphthalene	12.410	142	157828	4.893	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	84335	5.251	ng		99
41) Hexachlorocyclopentadiene	12.546	237	18513	4.213	ng		94
43) 2,4,6-Trichlorophenol	12.804	196	53344	4.975	ng		94
44) 2,4,5-Trichlorophenol	12.881	196	60961	5.022	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.210	154	216636	5.308	ng		99
47) 2-Chloronaphthalene	13.246	162	169963	5.325	ng		96
48) 2-Nitroaniline	13.446	65	45077	4.268	ng		96
49) Acenaphthylene	14.098	152	230775	4.913	ng		98
50) Dimethylphthalate	13.834	163	211428	5.249	ng		99
51) 2,6-Dinitrotoluene	13.945	165	40604	4.565	ng		95
52) Acenaphthene	14.451	154	159211	5.271	ng		97
53) 3-Nitroaniline	14.281	138	40376	4.381	ng	#	98
55) Dibenzofuran	14.787	168	252922	5.251	ng		98
56) 4-Nitrophenol	14.604	139	34233	4.278	ng		98
57) 2,4-Dinitrotoluene	14.745	165	50854	4.172	ng		95
58) Fluorene	15.440	166	206250	5.342	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.016	232	54983	5.210	ng		99
60) Diethylphthalate	15.216	149	209905	5.147	ng		97
61) 4-Chlorophenyl-phenyle...	15.440	204	101325	5.373	ng		99
62) 4-Nitroaniline	15.451	138	43314	4.476	ng		95
63) Azobenzene	15.734	77	212301	4.775	ng		97
66) n-Nitrosodiphenylamine	15.651	169	172584	5.120	ng		97
67) 4-Bromophenyl-phenylether	16.345	248	60796	5.012	ng		94
68) Hexachlorobenzene	16.463	284	75695	5.211	ng		98
69) Atrazine	16.628	200	58176	6.868	ng		96
70) Pentachlorophenol	16.822	266	43581	4.432	ng		99
71) Phenanthrene	17.216	178	332800	5.300	ng		99
72) Anthracene	17.310	178	305392	5.054	ng		99
73) Carbazole	17.586	167	313145	5.088	ng		99
74) Di-n-butylphthalate	18.181	149	346347	4.917	ng		99
75) Fluoranthene	19.292	202	409674	5.235	ng		99
77) Benzidine	19.486	184	113598	4.566	ng		99
78) Pyrene	19.669	202	457539	5.138	ng		100
80) Butylbenzylphthalate	20.622	149	161881	4.518	ng		99
81) Benzo(a)anthracene	21.586	228	435590	5.106	ng		99
82) 3,3'-Dichlorobenzidine	21.504	252	134135	4.653	ng		97
83) Chrysene	21.651	228	422341	5.209	ng		99
84) Bis(2-ethylhexyl)phtha...	21.527	149	233953	4.577	ng		99
85) Di-n-octyl phthalate	22.798	149	362986	4.289	ng		99
87) Indeno(1,2,3-cd)pyrene	28.733	276	486907m	4.847	ng		
88) Benzo(b)fluoranthene	23.886	252	449230	5.008	ng		100
89) Benzo(k)fluoranthene	23.963	252	437131	5.073	ng		99
90) Benzo(a)pyrene	24.792	252	379452	4.943	ng		99
91) Dibenzo(a,h)anthracene	28.827	278	406747	4.919	ng		98
92) Benzo(g,h,i)perylene	29.915	276	415147	4.820	ng		98

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

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