Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
Data File : BP022915.D
Acq On : 07 Nov 2024 12:29
Operator : RC/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Nov 07 23:18:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 23:16:12 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/08/2024
Supervised By :mohammad ahmed 11/08/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.593	152	59152	20.000	ng		0.00
21) Naphthalene-d8	10.346	136	217412	20.000	ng		0.00
39) Acenaphthene-d10	14.222	164	177630	20.000	ng		0.00
64) Phenanthrene-d10	17.034	188	459767	20.000	ng		0.01
76) Chrysene-d12	21.463	240	569777	20.000	ng		0.00
86) Perylene-d12	24.686	264	700428	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.234	112	31005	9.947	ng		0.00
7) Phenol-d6	6.799	99	42998	9.892	ng		0.00
23) Nitrobenzene-d5	8.740	82	46915	10.195	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	34145	9.917	ng		0.00
45) 2-Fluorobiphenyl	12.816	172	131381	10.568	ng		0.00
79) Terphenyl-d14	19.757	244	300852	9.916	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	7374	5.926	ng		96
3) Pyridine	3.587	79	16959	4.981	ng	#	89
4) n-Nitrosodimethylamine	3.493	42	8120	4.930	ng	#	92
6) Aniline	6.940	93	19363	5.344	ng		98
8) 2-Chlorophenol	7.175	128	16415	5.024	ng		96
9) Benzaldehyde	6.763	77	14225	5.664	ng		96
10) Phenol	6.822	94	20603	4.786	ng		93
11) bis(2-Chloroethyl)ether	7.034	93	16914	5.200	ng		94
12) 1,3-Dichlorobenzene	7.487	146	22064m	5.291	ng		
13) 1,4-Dichlorobenzene	7.628	146	22487	5.281	ng		98
14) 1,2-Dichlorobenzene	7.940	146	22049	5.356	ng		94
15) Benzyl Alcohol	7.852	79	18769	5.879	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.122	45	18726	5.307	ng		96
17) 2-Methylphenol	8.052	107	14275	4.885	ng		92
18) Hexachloroethane	8.646	117	8536	5.419	ng		97
19) n-Nitroso-di-n-propyla...	8.393	70	15685	5.272	ng	#	89
20) 3+4-Methylphenols	8.375	107	19789	4.845	ng		99
22) Acetophenone	8.410	105	31463	5.437	ng	#	98
24) Nitrobenzene	8.781	77	23319	4.989	ng		94
25) Isophorone	9.299	82	39634	5.089	ng		98
26) 2-Nitrophenol	9.487	139	9357	4.874	ng		97
27) 2,4-Dimethylphenol	9.552	122	11189	5.105	ng		95
28) bis(2-Chloroethoxy)met...	9.775	93	23329	5.273	ng		99
29) 2,4-Dichlorophenol	10.028	162	18088	4.767	ng		85
30) 1,2,4-Trichlorobenzene	10.216	180	26143	5.390	ng		99
31) Naphthalene	10.399	128	55958	5.137	ng		99
32) Benzoic acid	9.663	122	10740m	4.082	ng		
33) 4-Chloroaniline	10.534	127	19399	5.003	ng		95
34) Hexachlorobutadiene	10.669	225	19021	5.346	ng		94
35) Caprolactam	11.316	113	5748	5.061	ng	#	71
36) 4-Chloro-3-methylphenol	11.675	107	20400m	4.845	ng		
37) 2-Methylnaphthalene	12.016	142	43285	5.305	ng		94
38) 1-Methylnaphthalene	12.234	142	41399	5.112	ng		96
40) 1,2,4,5-Tetrachloroben...	12.387	216	31383	5.219	ng		99
43) 2,4,6-Trichlorophenol	12.640	196	18377m	4.805	ng		
44) 2,4,5-Trichlorophenol	12.740	196	21522	4.943	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.040	154	62324	5.278	ng		99
47) 2-Chloronaphthalene	13.081	162	52339	5.341	ng		93
48) 2-Nitroaniline	13.298	65	13811m	4.903	ng		
49) Acenaphthylene	13.934	152	69074	5.047	ng		100
50) Dimethylphthalate	13.681	163	67946	5.224	ng		98
51) 2,6-Dinitrotoluene	13.804	165	14551	4.921	ng		89
52) Acenaphthene	14.281	154	45030	5.117	ng		94
53) 3-Nitroaniline	14.157	138	10971	4.566	ng	#	94
55) Dibenzofuran	14.622	168	80092	5.183	ng		99
56) 4-Nitrophenol	14.516	139	7395	3.592	ng		97
57) 2,4-Dinitrotoluene	14.616	165	19436	4.546	ng	#	98
58) Fluorene	15.287	166	66063	5.145	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.881	232	21137	5.034	ng		100
60) Diethylphthalate	15.057	149	66859	5.169	ng		95
61) 4-Chlorophenyl-phenyle...	15.281	204	38789	5.126	ng		95
62) 4-Nitroaniline	15.328	138	9680	3.948	ng		91
63) Azobenzene	15.587	77	55026	4.947	ng		96
65) 4,6-Dinitro-2-methylph...	15.392	198	11245	3.893	ng		94
66) n-Nitrosodiphenylamine	15.510	169	57885	5.093	ng		99
67) 4-Bromophenyl-phenylether	16.198	248	27750	5.032	ng		98
68) Hexachlorobenzene	16.322	284	35700	5.054	ng		92
69) Atrazine	16.486	200	23365	6.098	ng		99
70) Pentachlorophenol	16.686	266	20293	4.499	ng		96
71) Phenanthrene	17.069	178	114485	5.145	ng		98
72) Anthracene	17.157	178	104080	4.874	ng		98
73) Carbazole	17.457	167	100541	4.930	ng		99
74) Di-n-butylphthalate	18.039	149	109097	4.800	ng		99
75) Fluoranthene	19.169	202	153094	4.960	ng		98
77) Benzidine	19.375	184	54633	4.853	ng		99
78) Pyrene	19.545	202	161744	4.796	ng		99
80) Butylbenzylphthalate	20.498	149	51352	4.466	ng		93
81) Benzo(a)anthracene	21.439	228	182150	5.137	ng		99
82) 3,3'-Dichlorobenzidine	21.369	252	69124	4.816	ng		96
83) Chrysene	21.504	228	167861	5.054	ng		99
84) Bis(2-ethylhexyl)phtha...	21.369	149	77750	4.711	ng		98
85) Di-n-octyl phthalate	22.586	149	131151	4.756	ng	#	98
87) Indeno(1,2,3-cd)pyrene	28.345	276	245964	5.207	ng	#	96
88) Benzo(b)fluoranthene	23.674	252	203104	4.936	ng		100
89) Benzo(k)fluoranthene	23.739	252	197723	5.089	ng		99
90) Benzo(a)pyrene	24.539	252	175678	4.989	ng		100
91) Dibenzo(a,h)anthracene	28.409	278	206855	5.341	ng		97
92) Benzo(g,h,i)perylene	29.492	276	208234	5.246	ng		98

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

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