Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091424\
Data File : BP021919.D
Acq On : 14 Sep 2024 13:41
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 04:43:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 04:38:44 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/16/2024
Supervised By :mohammad ahmed 09/16/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.751	152	91294	20.000	ng		0.00
21) Naphthalene-d8	10.516	136	509527	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	383681	20.000	ng		0.00
64) Phenanthrene-d10	17.157	188	918492	20.000	ng		0.00
76) Chrysene-d12	21.574	240	1035110	20.000	ng		-0.02
86) Perylene-d12	24.892	264	1262137	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	143934	22.764	ng		0.00
7) Phenol-d6	6.928	99	120504	14.084	ng		0.00
23) Nitrobenzene-d5	8.893	82	131864	11.724	ng		0.00
42) 2,4,6-Tribromophenol	15.869	330	93570	21.947	ng		0.00
45) 2-Fluorobiphenyl	12.981	172	511877	21.943	ng		0.00
79) Terphenyl-d14	19.868	244	1014083	20.922	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	32050	9.979	ng		97
3) Pyridine	3.699	79	70651	8.514	ng		97
4) n-Nitrosodimethylamine	3.605	42	39458	12.580	ng	#	94
6) Aniline	7.087	93	54386	7.259	ng		98
8) 2-Chlorophenol	7.322	128	50978	8.763	ng		97
9) Benzaldehyde	6.904	77	35312	7.806	ng		96
10) Phenol	6.957	94	59898	6.891	ng		87
11) bis(2-Chloroethyl)ether	7.181	93	49996	7.477	ng		93
12) 1,3-Dichlorobenzene	7.646	146	67367	9.995	ng		97
13) 1,4-Dichlorobenzene	7.787	146	68018	9.953	ng		94
14) 1,2-Dichlorobenzene	8.098	146	67369	9.872	ng		97
15) Benzyl Alcohol	7.987	79	44578	7.013	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.269	45	53903m	7.831	ng		
17) 2-Methylphenol	8.187	107	41487	6.755	ng	#	90
18) Hexachloroethane	8.822	117	25840	9.073	ng		98
19) n-Nitroso-di-n-propyla...	8.545	70	42033	7.849	ng	#	97
20) 3+4-Methylphenols	8.510	107	57261	6.766	ng		96
22) Acetophenone	8.563	105	87318	5.551	ng	#	99
24) Nitrobenzene	8.934	77	69291	6.215	ng		99
25) Isophorone	9.457	82	158018	8.095	ng		99
26) 2-Nitrophenol	9.640	139	34384	8.867	ng		98
27) 2,4-Dimethylphenol	9.704	122	46934	8.433	ng		96
28) bis(2-Chloroethoxy)met...	9.928	93	104522	8.241	ng		98
29) 2,4-Dichlorophenol	10.169	162	74863	10.342	ng		94
30) 1,2,4-Trichlorobenzene	10.381	180	98220	11.794	ng		97
31) Naphthalene	10.569	128	263905	9.888	ng		100
32) Benzoic acid	9.787	122	43185m	7.034	ng		
33) 4-Chloroaniline	10.675	127	92062	9.404	ng		99
34) Hexachlorobutadiene	10.857	225	63286	12.243	ng		98
35) Caprolactam	11.439	113	23004	7.655	ng		96
36) 4-Chloro-3-methylphenol	11.798	107	81523	7.796	ng		99
37) 2-Methylnaphthalene	12.175	142	185177	10.371	ng		97
38) 1-Methylnaphthalene	12.398	142	183943	10.318	ng		99
40) 1,2,4,5-Tetrachloroben...	12.545	216	110376	11.142	ng		99
41) Hexachlorocyclopentadiene	12.528	237	35142	10.995	ng		99
43) 2,4,6-Trichlorophenol	12.786	196	66035	10.370	ng		100

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44) 2,4,5-Trichlorophenol	12.857	196	77978	10.532	ng		97
46) 1,1'-Biphenyl	13.186	154	266179	9.946	ng		99
47) 2-Chloronaphthalene	13.233	162	210477	10.118	ng		99
48) 2-Nitroaniline	13.428	65	51799	7.142	ng		88
49) Acenaphthylene	14.080	152	293850	9.546	ng		100
50) Dimethylphthalate	13.816	163	272577	10.319	ng		99
51) 2,6-Dinitrotoluene	13.928	165	57905	9.912	ng		99
52) Acenaphthene	14.428	154	197283	9.912	ng		100
53) 3-Nitroaniline	14.263	138	51412	8.572	ng	#	96
54) 2,4-Dinitrophenol	14.475	184	24581	8.830	ng		99
55) Dibenzofuran	14.769	168	339099	10.831	ng		99
56) 4-Nitrophenol	14.580	139	43491	8.360	ng		95
57) 2,4-Dinitrotoluene	14.727	165	74362	9.232	ng	#	85
58) Fluorene	15.422	166	276682	10.723	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.998	232	70898m	10.889	ng		
60) Diethylphthalate	15.198	149	280132	10.217	ng		99
61) 4-Chlorophenyl-phenyle...	15.416	204	145325	11.615	ng		95
62) 4-Nitroaniline	15.433	138	55076	8.398	ng		92
63) Azobenzene	15.716	77	247516	8.023	ng		94
65) 4,6-Dinitro-2-methylph...	15.498	198	38409	8.941	ng		94
66) n-Nitrosodiphenylamine	15.639	169	240883	10.244	ng		99
67) 4-Bromophenyl-phenylether	16.333	248	88809	10.259	ng		97
68) Hexachlorobenzene	16.451	284	109101	10.552	ng		99
69) Atrazine	16.610	200	85564	12.406	ng		96
70) Pentachlorophenol	16.798	266	64390	9.739	ng		98
71) Phenanthrene	17.192	178	466445	10.272	ng		99
72) Anthracene	17.292	178	439763	9.945	ng		99
73) Carbazole	17.569	167	439508	9.682	ng		100
74) Di-n-butylphthalate	18.163	149	465904	9.281	ng		100
75) Fluoranthene	19.280	202	593543	10.797	ng		99
77) Benzidine	19.474	184	199951	14.017	ng		99
78) Pyrene	19.651	202	643562	9.852	ng		99
80) Butylbenzylphthalate	20.604	149	209866	7.807	ng		98
81) Benzo(a)anthracene	21.557	228	659137	10.037	ng		98
82) 3,3'-Dichlorobenzidine	21.474	252	208283	10.039	ng		100
83) Chrysene	21.621	228	641124	10.141	ng		100
84) Bis(2-ethylhexyl)phtha...	21.492	149	329047	8.549	ng		97
85) Di-n-octyl phthalate	22.756	149	495548	7.820	ng		100
87) Indeno(1,2,3-cd)pyrene	28.650	276	785639m	9.900	ng		
88) Benzo(b)fluoranthene	23.839	252	710279	9.772	ng		98
89) Benzo(k)fluoranthene	23.909	252	688443	9.769	ng		99
90) Benzo(a)pyrene	24.733	252	609350	9.672	ng		99
91) Dibenzo(a,h)anthracene	28.715	278	663371	10.112	ng		98
92) Benzo(g,h,i)perylene	29.803	276	677615	9.847	ng		98

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

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